MATERIAL INDUSTRIAL, S.L.

BOMBAS MARCO

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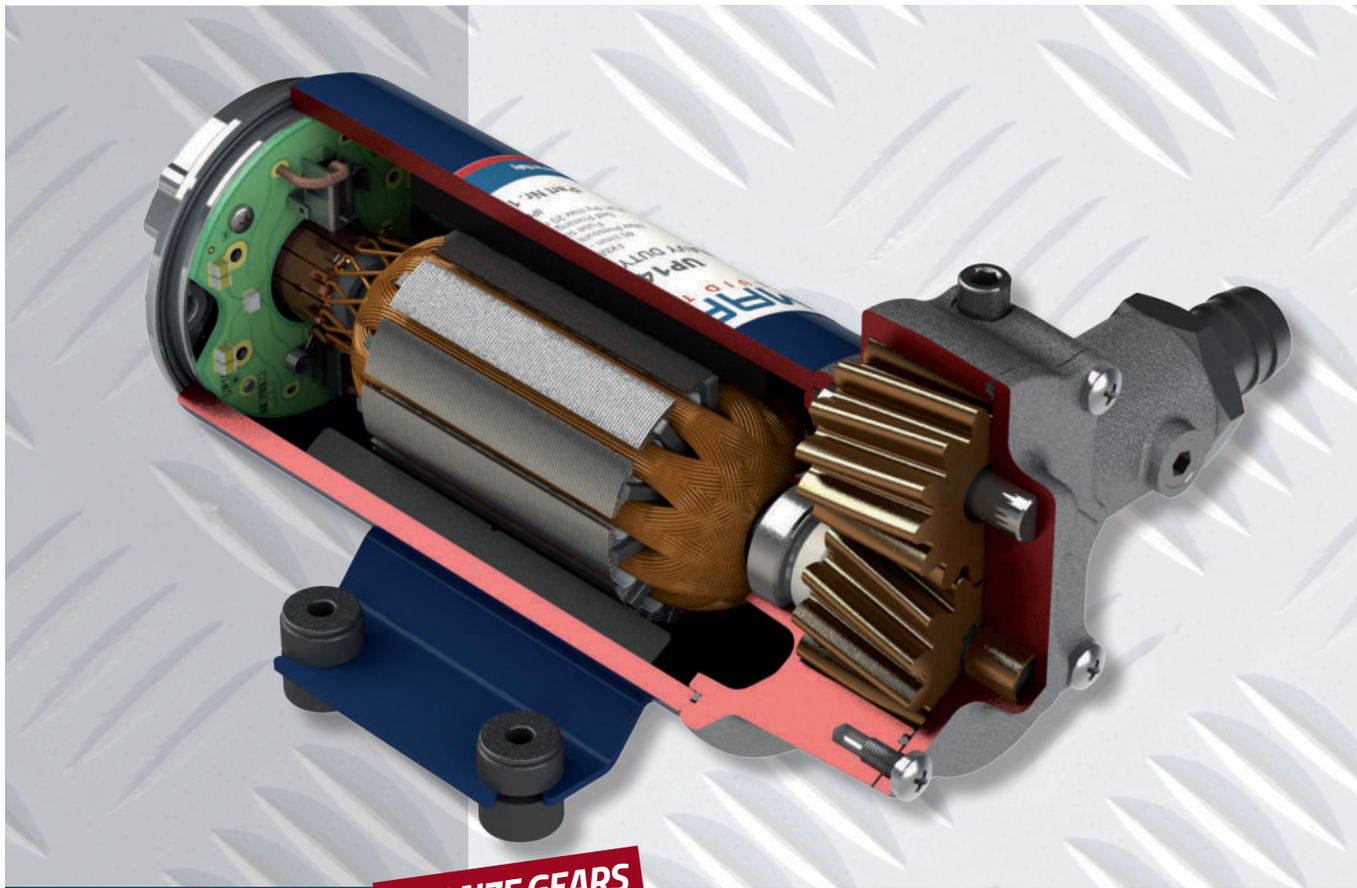
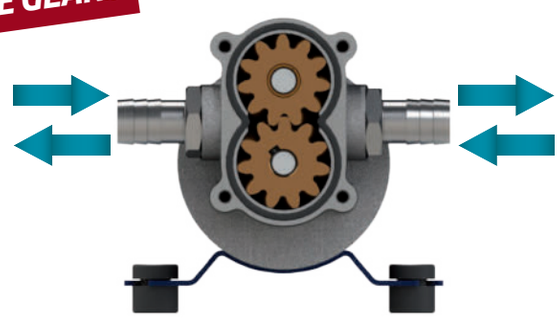
08030 - Barcelona (España)

Bronze Gear Pumps



BRONZE GEARS



REVERSIBLE

IT Elettropompe autoadescanti di dimensioni compatte con ingranaggi in bronzo per travaso diesel. Gli ingranaggi elicoidali in bronzo garantiscono pressione constante, cicli di lavoro prolungati, maggiore silenziosità e possono operare anche in mancanza di liquido. Corpo in ottone nichelato, albero in acciaio inossidabile. Tenute in FKM e O-ring in NBR. Disponibili in versioni dotate di: carter con maniglia, interruttore o deviatore integrati e controllo elettronico.

DE Kompakte, selbstansaugende Elektropumpe mit Bronzezahnrädern zum Umfüllen von Diesel. Die Bronze- Schrägzahnräder garantieren einen konstanten Druck, verlängerte Arbeitszyklen, sind geräuschärmer und können auch ohne Flüssigkeit arbeiten. Gehäuse aus vernickeltem Messing, Spindel aus rostfreiem Stahl. Dichtungen aus FKM und O-Ring aus NBR. Erhältlich in den Modellen mit Tragetasche, integriertem Schalter oder Wechselschalter und elektronischer Kontrolle.

FR Pompes électriques auto-amorçantes de dimensions réduites avec engrenages en bronze pour transvasement de diesel. Les engrenages hélicoïdaux en bronze assurent une pression constante, des cycles de travail longs, moins de bruit et peuvent également fonctionner en l'absence de liquide. Corps de laiton nickelé, arbre en acier inoxydable, joint en FKM et O-Ring en NBR. Disponibles en versions avec boîtier muni de poignée, avec interrupteur ou déviateur intégrés et avec contrôle électronique.

EN Self-priming electric pumps of compact footprint with bronze gears for diesel transfer. Helical bronze gears guarantee constant pressure, heavy duty cycles, less noise and can operate in the absence of liquid. Body in nickel-plated brass and shaft in stainless steel. FKM seals and NBR O-rings. Available in versions with portable case, integrated on-off switch or flow reverser switch and electronic control.

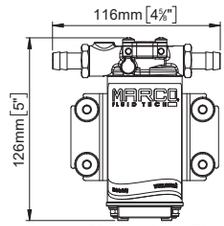
ES Electrobombas auto cebadas de pequeñas dimensiones con engranajes en bronce para transvase de diésel. Los engranajes helicoidales de bronce garantizan presión constante, largos ciclos de trabajo, menos ruido y pueden operar en ausencia de líquido. Cuerpo en latón niquelado, eje en acero inoxidable. Sellos de FKM y O-ring de NBR. Disponibles en versiones con Kit portable, interruptor o desviador de flujo integrados y control electrónico.

PT Eletrobombas autoaspirantes de pequenas dimensões com engrenagens em bronze para trasfega de diesel. As engrenagens helicoidais de bronze garantem uma pressão constante, longos ciclos de trabalho, menos ruído e também podem funcionar sem líquido. Corpo em latão niquelado, eixo em aço inox. Selos de FKM e O-ring de NBR. Disponíveis em versões com kit portável, interruptor on-off ou desviador de fluxo integrados e controle eletrônico.

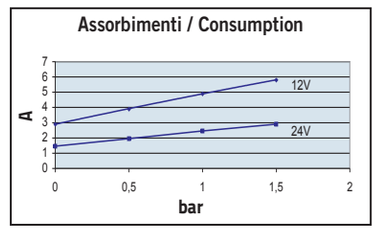
12V and 24V - DC

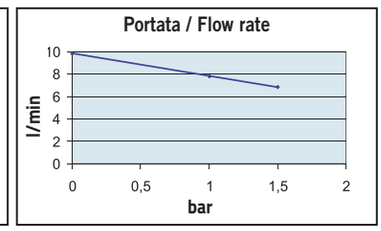
UP2

12V
24V



H 126 x L 116 x W 76
H 5" x L 4 5/8" x W 3"



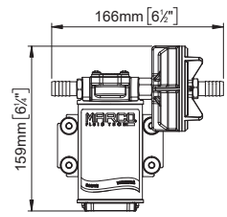


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	1,5 bar 22 psi

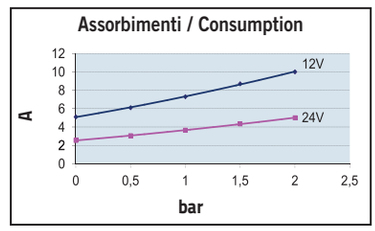
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 200 12	12	1,5	3A	90W	5A	12 mm	3/8" BSPP	1,2 kg
164 200 13	24	1,5	1,5A	90W	3A	12 mm	3/8" BSPP	1,2 kg

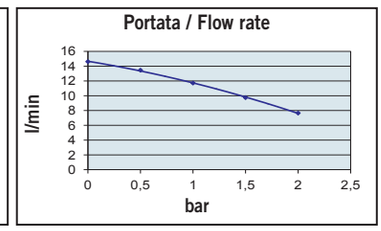
UP3

12V
24V



H 159 x L 166 x W 101 mm
H 6 1/4" x L 6 1/2" x W 4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 000 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,4 kg
164 000 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,4 kg

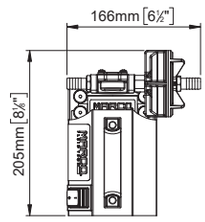
UP3-CK

I
0

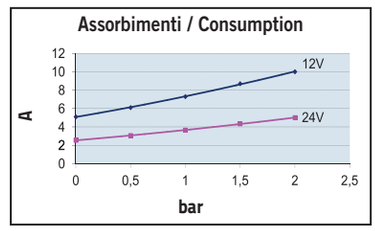
On/Off switch

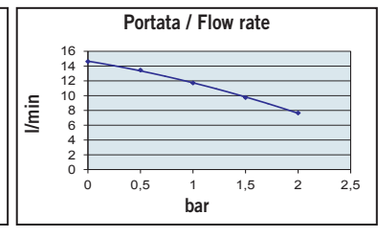
PORTABLE KIT WITH ON-OFF SWITCH

12V
24V



H 205 x L 166 x W 141
H 8 1/8" x L 6 1/2" x W 5 1/2"



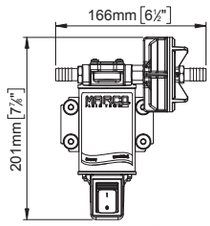


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

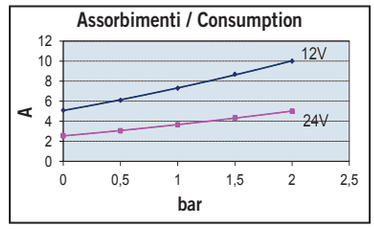
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 006 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	2,8 kg
164 006 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	2,8 kg

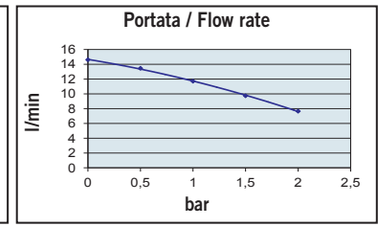
UP3-S

On/Off switch



H 201 x L 166 x W 101 mm
H 7 7/8" x L 6 1/2" x W 4"



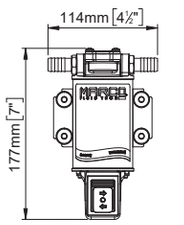


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

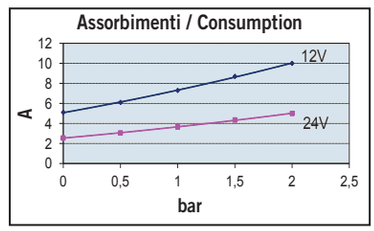
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 007 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,8 kg
164 007 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,8 kg

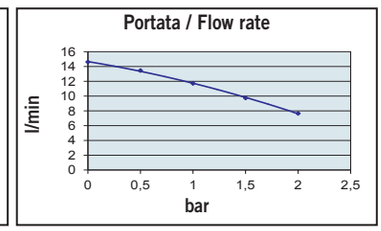
UP3-R

On/Off 3 positions reversing switch



H 177 x L 114 x W 88
H 7" x L 4 1/2" x W 3 1/2"

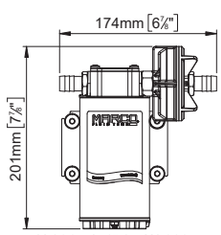




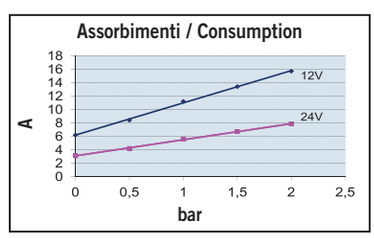
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

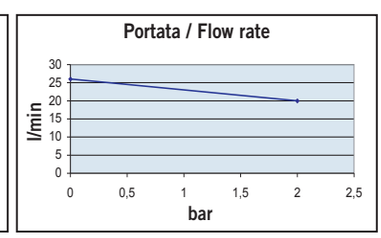
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 008 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,8 kg
164 008 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,8 kg

UP6



H 201 x L 174 x W 111
H 7 7/8" x L 6 7/8" x W 4 3/8"



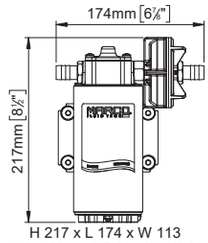


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	2 bar 29 psi

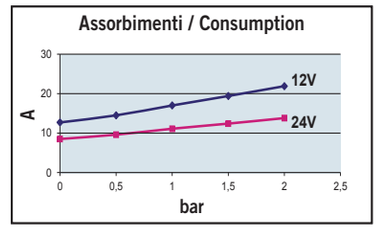
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 060 12	12	2	10A	180W	15A	16 mm	1/2" BSPP	3,2 kg
164 060 13	24	2	5A	180W	7,5A	16 mm	1/2" BSPP	3,2 kg

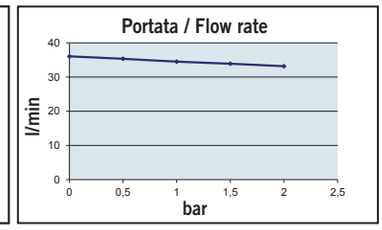
UP12

12V
24V



H 217 x L 174 x W 113
H 8 1/2" x L 6 7/8" x W 4 1/2"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
36 l/min 9.5 gpm	2 bar 29 psi

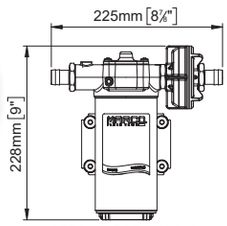
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 300 12	12	4	14A	360W	20A	16 mm	1/2" BSPP	4,5 kg
164 300 13	24	4	8A	360W	15A	16 mm	1/2" BSPP	4,5 kg

Watch the video

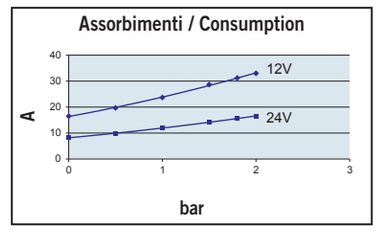
UP14

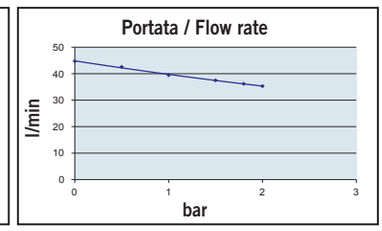
HIGH FLOW RATE

12V
24V



H 228 x L 225 x W 119
H 9" x L 8 7/8" x W 4 5/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
46 l/min 12.2 gpm	2 bar 29 psi

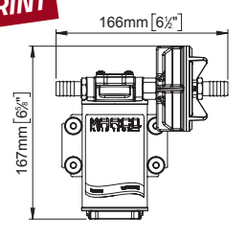
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 500 12	12	4	16A	400W	30A	20 mm	3/4" BSPP	5,3 kg
164 500 13	24	4	8A	400W	20A	20 mm	3/4" BSPP	5,3 kg

UP8

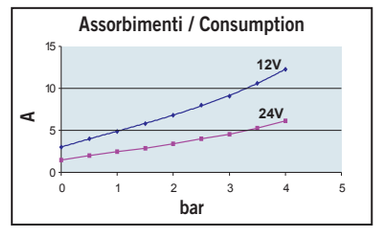
NEW

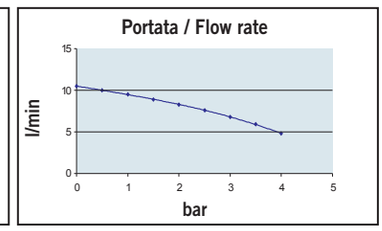
HEAVY DUTY

COMPACT FOOTPRINT



H 167 x L 166 x W 101 mm
H 6 5/8" x L 6 1/2" x W 4"





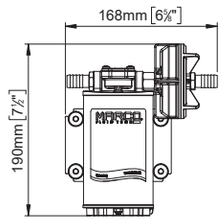
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	4 bar 58 psi

HIGH PRESSURE

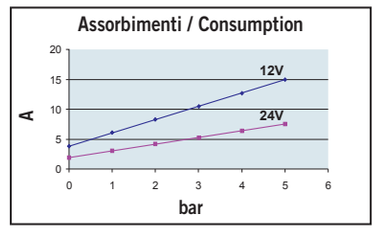
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 090 12	12	1,5	4A	150W	10A	13 mm	3/8" BSPP	1,8 kg
164 090 13	24	1,5	2A	150W	5A	13 mm	3/8" BSPP	1,8 kg

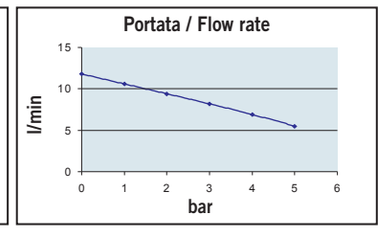
UP9

12V
24V



H 190 x L 168 x W 106
H 7 1/2" x L 6 5/8" x W 4 1/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi

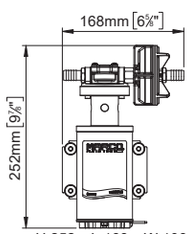
HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 100 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	2,7 kg
164 100 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	2,7 kg

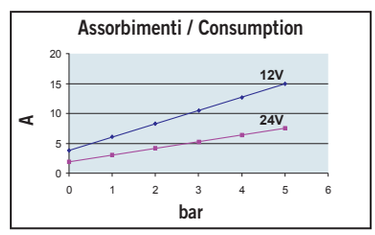
UP9-HD

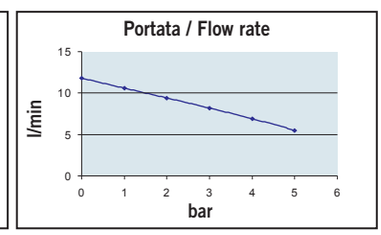
HEAVY DUTY

12V
24V



H 252 x L 168 x W 106
H 9 7/8" x L 6 5/8" x W 4 1/8"





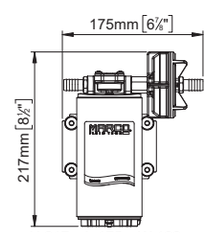
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi

HIGH PRESSURE

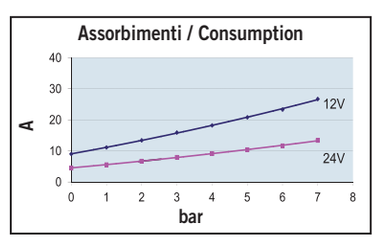
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 105 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	3 kg
164 105 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	3 kg

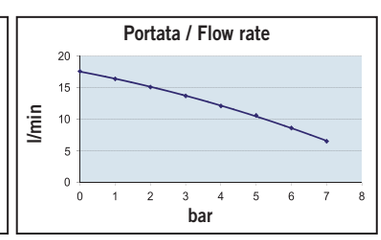
UP10

12V
24V



H 217 x L 175 x W 109
H 8 1/2" x L 6 7/8" x W 4 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi

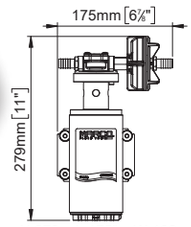
HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 400 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	3,8 kg
164 400 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	3,8 kg

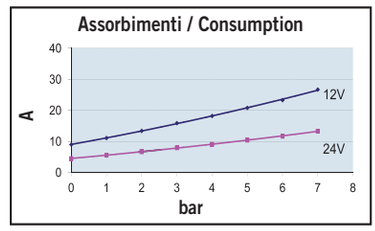
UP10-HD

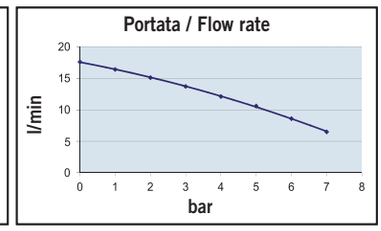
HEAVY DUTY

12V
24V



H 279 x L 175" x W 109
H 11" x L 6 7/8" x W 4 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi

HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 405 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	4,1 kg
164 405 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	4,1 kg

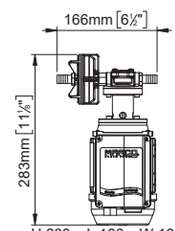
DIESEL

220V and 110V - AC

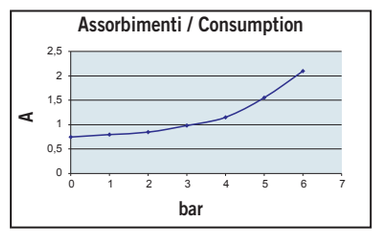
UP3/AC

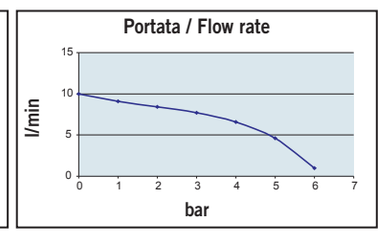
BRONZE GEARS

220V
110V



H 283 x L 166 x W 165
H 11 1/8" x L 6 1/2" x W 6 1/2"





	PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
220V	10 l/min 2.6 gpm	6 bar 87 psi
110V	12 l/min 3.2 gpm	6 bar 87 psi

110V VERSION: M.O.Q. 20 PCS

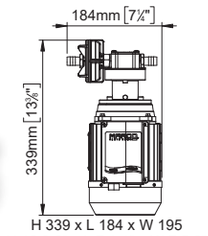
CODICE PART NUMBER	VOLT	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO HOSE	BOCCHE PORTS	PESO WEIGHT
164 001 1C	220	1,5	0,8A	150W	2A	13 mm	3/8" BSPP	4,6 kg
164 001 1B	110	1,5	1,9A	150W	4A	13 mm	3/8" BSPP	4,6 kg

DIESEL

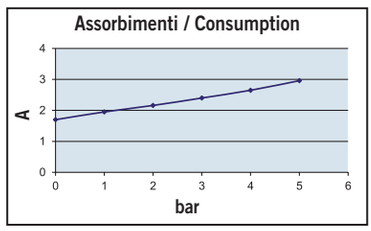
PTFE Gear Pumps

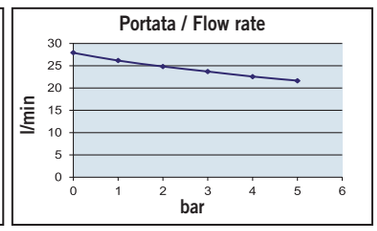
UP6/AC

PTFE GEARS



H 339 x L 184 x W 195
H 13 3/8" x L 7 1/4" x W 7 5/8"





	PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
220V	28 l/min 7.4 gpm	5 bar 72.5 psi
110V	34 l/min 9 gpm	5 bar 72.5 psi

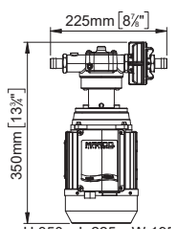
110V VERSION: M.O.Q. 20 PCS

CODICE PART NUMBER	VOLT	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO HOSE	BOCCHE PORTS	PESO WEIGHT
164 061 1C	220	1,5	1,7A	550W	3A	16 mm	1/2" BSPP	7,6 kg
164 061 1B	110	1,5	3,8A	550W	5A	16 mm	1/2" BSPP	7,6 kg

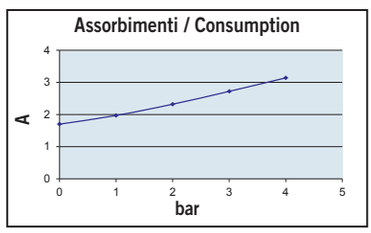
UP14/AC

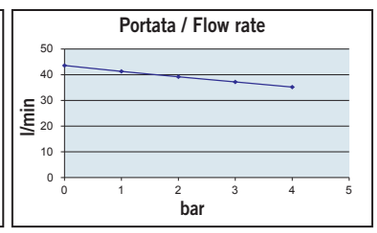
PTFE GEARS

HIGH FLOW RATE



H 350 x L 225 x W 195
H 13 3/4" x L 8 7/8" x W 7 5/8"



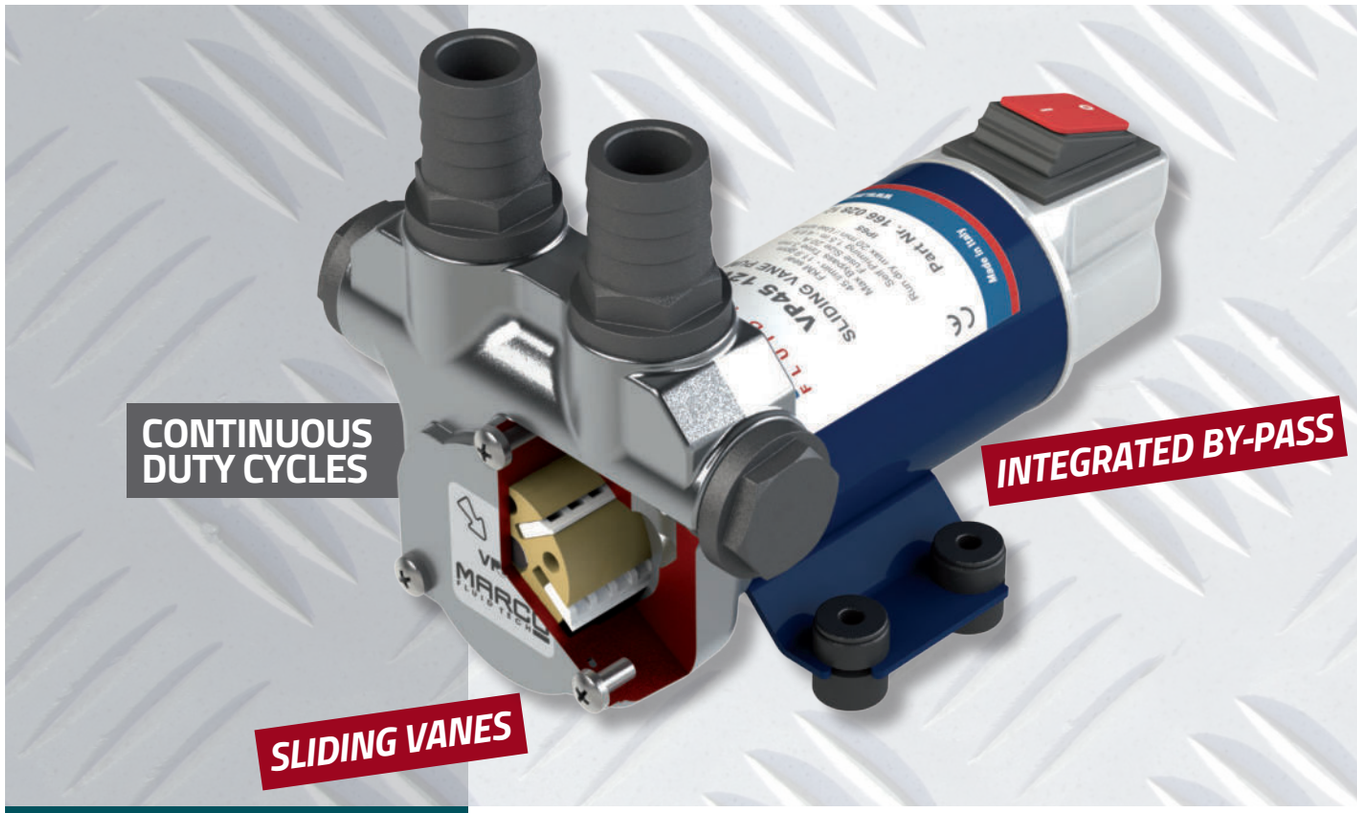


	PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
220V	44 l/min 11.6 gpm	4 bar 58 psi
110V	52,5 l/min 13.9 gpm	4 bar 58 psi

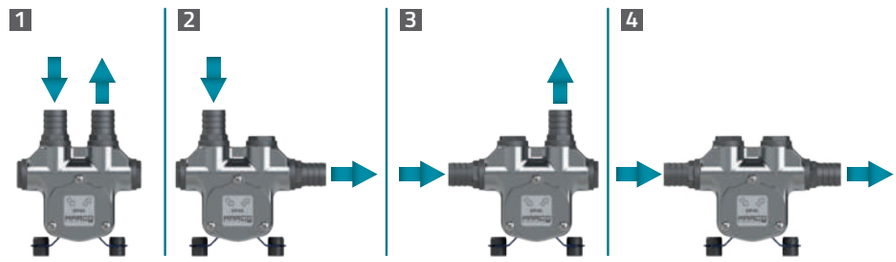
110V VERSION: M.O.Q. 20 PCS

CODICE PART NUMBER	VOLT	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO HOSE	BOCCHE PORTS	PESO WEIGHT
164 540 1C	220	3	1,7A	550W	3A	20 mm	3/4" BSPP	8,1 kg
164 540 1B	110	3	3,8A	550W	5A	20 mm	3/4" BSPP	8,1 kg

Vane Pumps



CONNECTION OPTIONS



IT Elettropompe autoadescanti a palette, complete di valvola by-pass integrata. Le palette garantiscono alta portata e cicli di lavoro prolungati. Corpo in alluminio con doppia possibilità di connessione per portagomma. Rotore e palette in resina. Albero in acciaio inossidabile. Tenute in FKM e O-ring in NBR. Calotta motore con filtro EMI. Disponibile anche dotata di carter con maniglia per facile trasporto, interruttore on-off e pinze per batteria.

DE Selbstansaugende, Elektro- Schaufelpumpen mit integriertem Bypass-Ventil. Die Schaufeln garantieren für eine erhöhte Leistung und für verlängerte Arbeitszyklen. Aluminiumkörper mit zweifacher Verbindungsmöglichkeit für Schlauchhalter. Rotor und Schaufeln sind aus Harz, Spindel aus rostfreiem Stahl, Dichtungen aus FKM und O-Ring aus NBR. Motordeckel mit EMI-Filter. Auch mit Halterung und Griff für einfachen Transport erhältlich, mit Ein- und Aus- Schalter und Batterieklammern.

FR Pompes électriques auto-amorçantes à palettes complètes de vanne by-pass intégrée. Les palettes assurent un grand débit et des cycles de travail longs. Corps en aluminium avec double option de connexion pour raccords. Rotor et palettes en résine. Arbre en acier inoxydable, joint en FKM et O-Ring en NBR. Calotte moteur équipée avec filtre EMI. Disponibles aussi avec boîtier muni de poignée pour un transport facile, interrupteur On/Off et pinces pour batterie.

EN Self-priming electric vane pumps with integrated by-pass valve. Vanes guarantee high flow rate and heavy-duty cycles. Aluminum body, two connection options. Rotor and vanes made of resin. Stainless steel shaft. FKM seals and NBR O-rings. Brush holder with EMI filter. Available also with case and handle for easy transport, On/Off switch and battery clips.

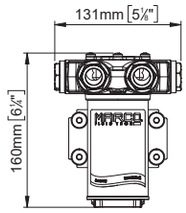
ES Electrobombas auto cebadas de paletas con válvula bypass integrada. Las paletas garantizan un caudal grande y largos ciclos de trabajo. Cuerpo en aluminio con doble posibilidad de conexión. Rotor y paletas de resina. Eje en acero inoxidable, sellos de FKM y O-ring de NBR. Tapa del motor con filtro EMI. Disponibles también con cárter y manija para fácil transporte, interruptor On/Off y pinzas para batería.

PT Eletrobombas autoapirantes de palhetas, completas de válvula by-pass integrada. As palhetas garantem um fluxo muito grande e longos ciclos de trabalho. Corpo em alumínio com dupla possibilidade de ligação. Rotor e palhetas em resina. Eixo em aço inox. Selos de FKM e O-ring de NBR. Calota motor com filtro EMI. Disponíveis também com cárter e empunhadura para fácil transporte, interruptor On/Off e pinças de alimentação.

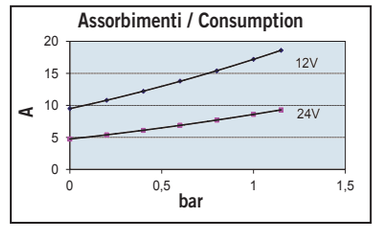
DIESEL

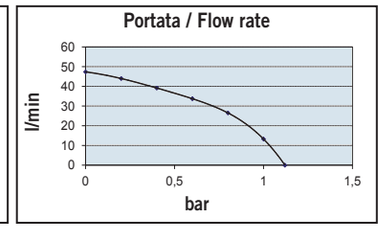
12V and 24V - DC

VP45-N



H 160 x L 131 x W 153
H 6 1/4" x L 5 1/8" x W 6"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,2 bar 17.4 psi

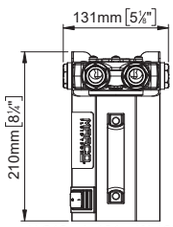
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 026 12	12	1,5	8A	150W	20A	25 mm	3/4" BSPP	2 kg
166 026 13	24	1,5	4A	150W	10A	25 mm	3/4" BSPP	2 kg

VP45

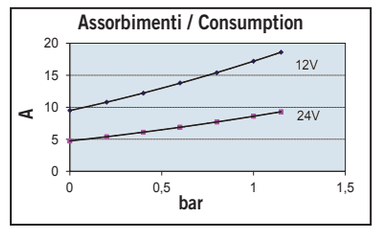
On/Off switch

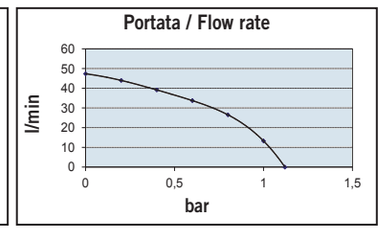
I
0

PORTABLE KIT WITH ON-OFF SWITCH



H 210 x L 131 x W 165
H 8 1/4" x L 5 1/8" x W 6 1/2"





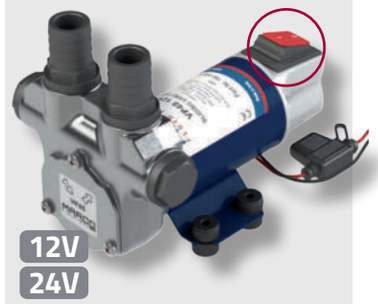
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,2 bar 17.4 psi

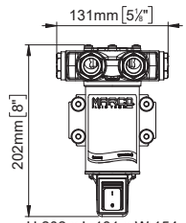
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 020 12	12	1,5	8A	150W	20A	25 mm	3/4" BSPP	3,3 kg
166 020 13	24	1,5	4A	150W	10A	25 mm	3/4" BSPP	3,3 kg

VP45-S

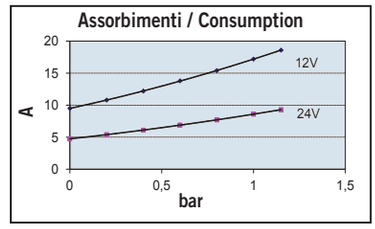
On/Off switch

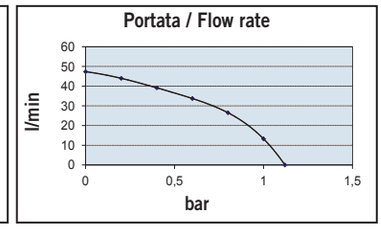
I
0





H 202 x L 131 x W 154
H 8" x L 5 1/8" x W 6 1/8"





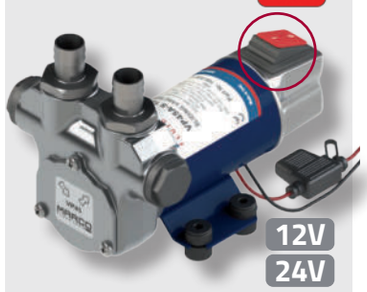
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,2 bar 17.4 psi

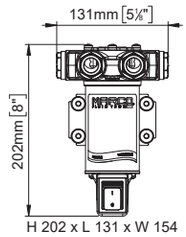
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 028 12	12	1,5	8A	150W	20A	25 mm	3/4" BSPP	2,2 kg
166 028 13	24	1,5	4A	150W	10A	25 mm	3/4" BSPP	2,2 kg

VP45A-S

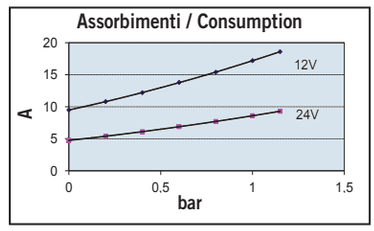
On/Off switch

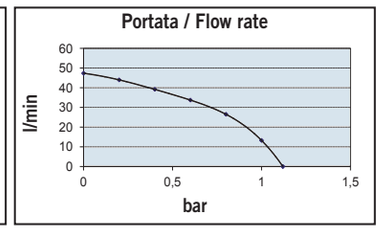
I
0





H 202 x L 131 x W 154
H 8" x L 5 1/8" x W 6 1/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,2 bar 17.4 psi

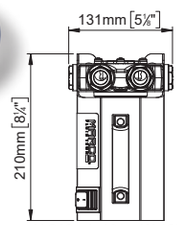
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 029 12	12	1,5	8A	150W	20A	20 mm	3/4" BSPP	2,2 kg
166 029 13	24	1,5	4A	150W	10A	20 mm	3/4" BSPP	2,2 kg

VP45-K

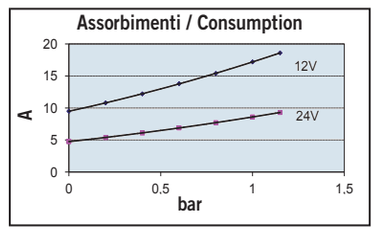
COMPLETE KIT FOR REFUELING

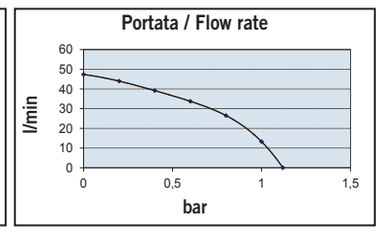
On/Off switch

I
0



H 210 x L 131 x W 165
H 8 1/4" x L 5 1/8" x W 6 1/2"



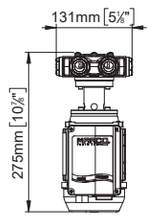


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,2 bar 17.4 psi

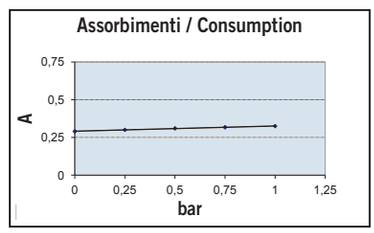
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 024 12	12	1,5	8A	150W	20A	25 mm	3/4" BSPP	6,3 kg
166 024 13	24	1,5	4A	150W	10A	25 mm	3/4" BSPP	6,3 kg

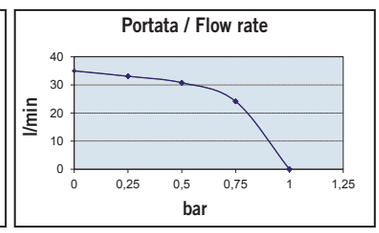
220V - AC

VP45/AC



H 275 x L 131 x W 165
H 10 7/8" x L 5 1/8" x W 6 1/2"

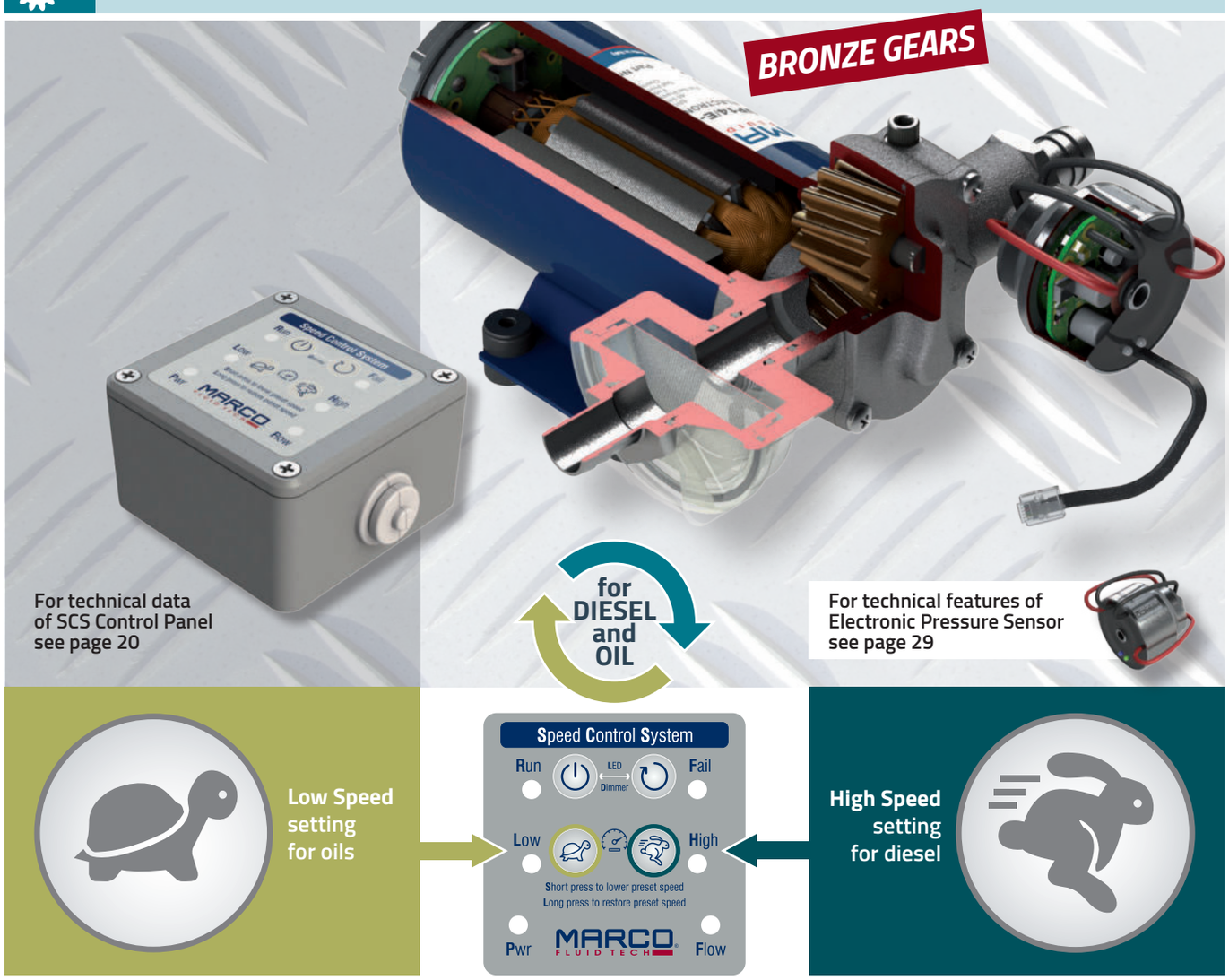




PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
35 l/min 9.2 gpm	1 bar 14.5 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
166 030 1C	220	1,5	0,8A	150W	1,25A	25 mm	3/4" BSPP	4,7 kg

12/24V Adjustable Speed Electronic PRESSURE PUMPS



IT Elettropompe automatiche autoadescanti 12/24V con sensore di pressione elettronico per travaso diesel e olio. Ingranaggi in bronzo, valvola di non ritorno in NBR, corpo e connessioni in ottone nichelato, albero in acciaio inossidabile. Tenute in FKM e O-ring in NBR. Gli ingranaggi elicoidali in bronzo garantiscono pressione constante, cicli di lavoro prolungati, maggiore silenziosità e possono operare anche in mancanza di liquido. Impostazione standard dell'elettronica in modalità "High speed" per travaso diesel. **Il pannello di controllo SCS integrato consente l'impostazione in modalità "Low Speed" per travaso di olio e liquidi viscosi.**

DE Automatische, selbstansaugende Elektropumpen 12/24V mit elektronischem Drucksensor zum Umfüllen von Diesel und Öl. Bronzezahnräder, Rückschlagventil aus NBR, Gehäuse und Verbindungen aus vernickeltem Messing, Spindel aus rostfreiem Stahl. Dichtungen aus FKM und O-Ring aus NBR. Die Bronze-Schrägzahnräder garantieren für einen konstanten Druck, für längere Arbeitszyklen, für Geräuschreduzierung und können auch ohne Flüssigkeit arbeiten. Elektronische Standardeinstellung im "High Speed"-Modus beim Umfüllen von Diesel. **Das integrierte Kontrollpaneel SCS, ermöglicht einen "Low-Speed"-Modus beim Umfüllen von Ölen und anderen zähflüssigen Flüssigkeiten.**

FR Pompes électriques automatiques auto-amorçantes 12/24V avec contrôle électronique pour le transfert de diesel et huile. Vanne anti-retour en NBR, corps et raccords en laiton nickelé, arbre en acier inoxydable, joint en FKM et O-Ring en NBR. Les engrenages hélicoïdaux en bronze assurent une pression constante, des cycles de travail longs, moins de bruit et peuvent également fonctionner en l'absence de liquide. La pompe est réglée en mode "High Speed" pour le transfert de diesel. **Le panneau de contrôle SCS intégré permet la mise en "Low Speed" pour le transfert de huile et de liquides visqueux.**

EN Self-priming automatic electric pumps, 12/24V, with electronic control for the transfer of diesel and oil. Bronze gears, NBR check valve, body and connections in nickeled brass, stainless steel shaft. FKM seals and NBR O-rings. Helical bronze gears guarantee constant pressure, heavy duty cycles, less noise and can operate in the absence of liquid. The pumps are supplied with a "High-Speed" setting for Diesel transfer. **The integrated SCS control panel allows the switch to the "Low-Speed" mode for the transfer of oil and viscous liquids.**

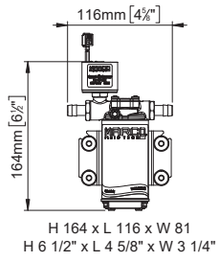
ES Electrobombas automáticas auto-cebadas, 12/24V, con control electrónico para transvase de diésel y aceite. Engranajes de bronce, válvula de retención de NBR, cuerpo y conexiones en latón niquelado, eje en acero inoxidable. Sellos de FKM y O-ring de NBR. Los engranajes helicoidales de bronce garantizan presión constante, largos ciclos de trabajo, menos ruido y pueden operar en ausencia de líquido. La electrónica está configurada en modalidad "High Speed" para el transvase de diésel. **El panel de control SCS integrado permite el cambio a la modalidad "Low Speed" para transvase de aceite y líquidos viscosos.**

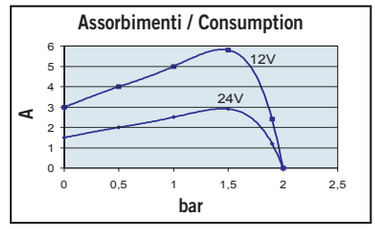
PT Eletrobombas automáticas autoaspirantes, 12/24V, com controle eletrônico para trasfega de diesel e óleos. Engrenagens em bronze, válvula de retenção em NBR, corpo e ligações em latão niquelado, eixo em aço inox. Selos de FKM e O-ring de NBR. As engrenagens helicoidais de bronze garantem uma pressão constante, longos ciclos de trabalho, menos ruído e também podem funcionar sem líquido. As bombas são fornecidas na modalidade "High Speed" para trasfega do diesel. **O painel de controle SCS integrado permite a mudança para a modalidade "Low Speed" para a trasfega de óleos e líquidos viscosos.**

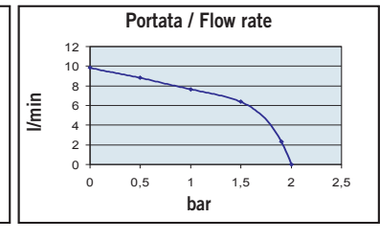
12/24V Adjustable Speed Electronic PRESSURE PUMPS

HIGH SPEED setting

UP2/E-BR



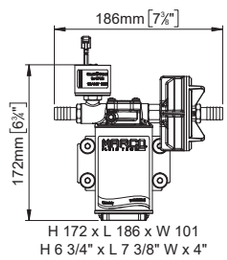


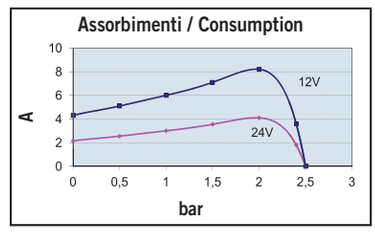


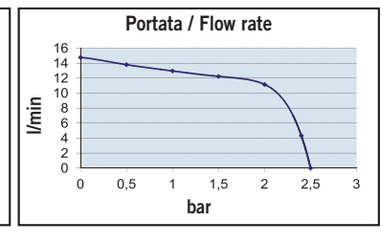
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 700 15	12/24	1,5	3A / 1,5A	90W	7,5A	12 mm	3/8" BSPP	1,3 kg

UP3/E-BR



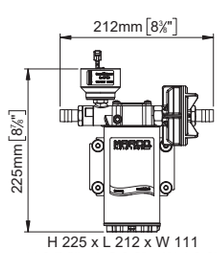


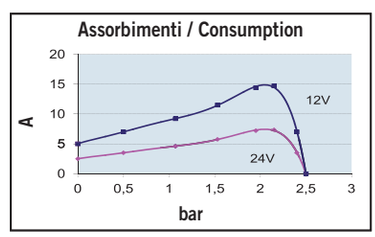


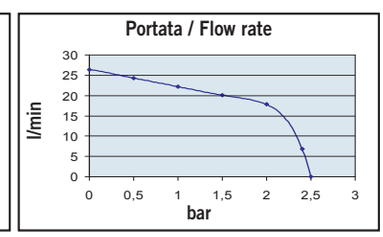
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2,5 bar 36 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 710 15	12/24	1,5	6A / 3A	150W	15A	13 mm	3/8" BSPP	2 kg

UP6/E-BR



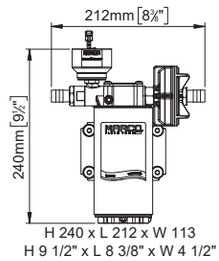


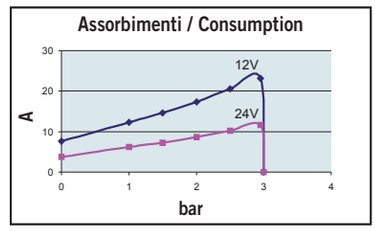


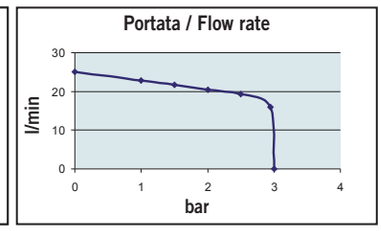
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	2,5 bar 36 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 720 15	12/24	2	10A / 5A	180W	20A	16 mm	1/2" BSPP	3,7 kg

UP12/E-LOBR



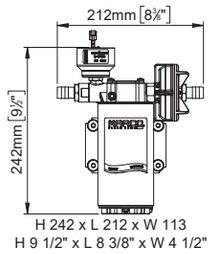


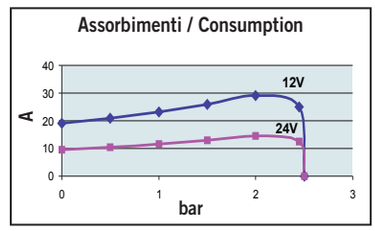


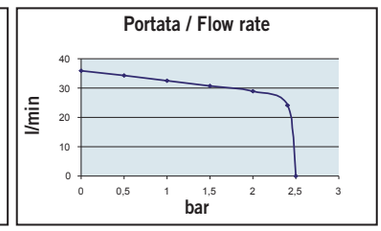
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	3 bar 43.5 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 751 15	12/24	3	8A / 4A	360W	25A	1/2" BSPP	4,6 kg

UP12/E-BR



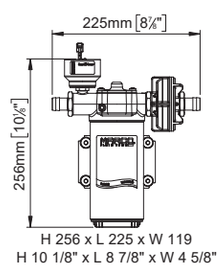


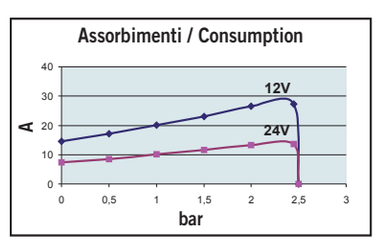


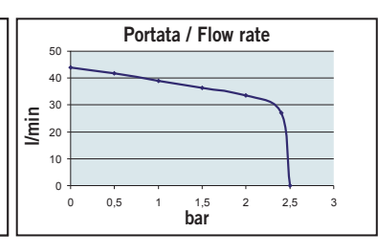
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
36 l/min 9.5 gpm	2,5 bar 36 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 750 15	12/24	4	14A / 7A	360W	25A	16 mm	1/2" BSPP	4,9 kg

UP14/E-BR



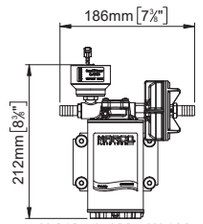




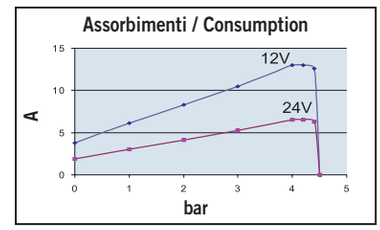
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
46 l/min 12 gpm	2,5 bar 36 psi

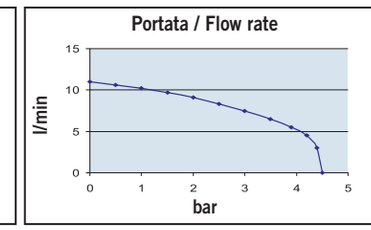
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 760 15	12/24	4	16A / 8A	400W	30A	3/4" BSPP	5,2 kg

UP9/E-BR



H 212 x L 186 x W 106
H 8 3/8" x L 7 3/8" W x 4 1/8"

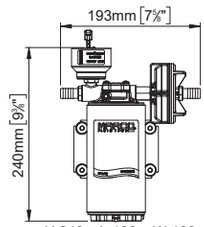




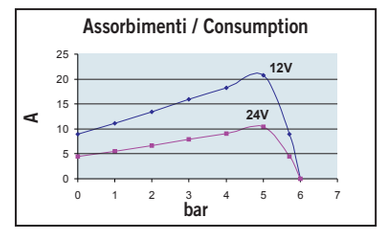
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	4,5 bar 65.3 psi HIGH PRESSURE

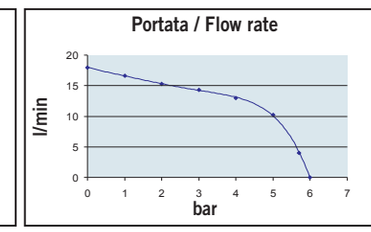
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 730 15	12/24	1,5	5A / 2,5A	180W	15A	13 mm	3/8" BSPP	3,3 kg

UP10/E-BR



H 240 x L 193 x W 109
H 9 3/8" x L 7 5/8" W x 4 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	6 bar 87 psi HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 740 15	12/24	3	11A / 5,5A	360W	25A	13 mm	3/8" BSPP	4,3 kg

SCS - Speed Control System

INCLUDED

With **Adjustable Speed Electronic Pressure Pumps** (complete range on pages 16-19)

IT Il pannello di controllo SCS consente di impostare le funzioni della pompa elettronica in modalità DIESEL "High Speed" o in modalità OLIO "Low Speed". Tale impostazione viene mantenuta anche quando il pannello è scollegato.
Caratteristiche:
- Il pannello rende possibile una regolazione fine della velocità massima per ottenere portate differenti o per utilizzare la pompa con liquidi di viscosità diversa da quella preimpostata.
- Monitoraggio a distanza del funzionamento della pompa ed interazione con essa: verifica della presenza di liquido e reset in caso di malfunzionamento senza togliere alimentazione.
- Connessione rapida del pannello al cavo di 3m con attacco RJ11/6 integrato nel sensore della pompa.
- Possibilità di montaggio ad incasso con foro circolare di diametro 70mm o di montaggio esterno.
- Morsettiera che permette di replicare i pulsanti e i LED presenti sul pannello su un circuito esterno: questo permette di gestire in modo personalizzato le funzionalità su un dispositivo progettato da terze parti.

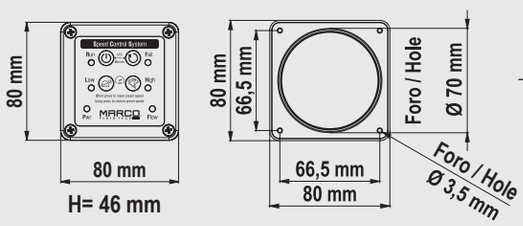
DE Das SCS Kontroll- Paneel ermöglicht es, die elektronische Pumpe auf den Diesel-Modus "High Speed" oder auf den Öl-Modus "Low Speed" einzustellen. Diese Einstellung verändert sich auch bei abgeschaltetem Paneel nicht.Eigenschaften:
- Es erlaubt eine feine Einstellung der Höchstgeschwindigkeit, um verschiedene Förderleistungen zu ermöglichen, oder um die Pumpe für diejenigen Flüssigkeiten zu gebrauchen, die eine andere Viskosität vorweisen als die voreingestellte.
- Fernüberwachung des Pumpenlaufs und deren Fernsteuerung: kontrolliert das Vorhandensein von Flüssigkeit, bei Fehlbetrieb schaltet sich die Reset-Funktion ein, ohne alles ausschalten zu müssen.
- Schnellverbindung des Paneels an das 3m RJ11/6 Kabel, das in dem Pumpensensor integriert ist.
- Einbaumöglichkeit in rundem, 70mm- Durchmesser Loch oder externe Montage.
- Mit dem Verteiler kann man die Knöpfe und LEDs des Paneels auf einen externen Kreis wiedergeben: dieses ermöglicht eine individuelle Einstellung der Funktionen auf einer externen Vorrichtung, die von Dritten entworfen wurde.

FR Le panneau de commande SCS permet le réglage des fonctions de la pompe électronique en mode DIESEL "High Speed" ou en mode OIL "Low Speed". Ce réglage d'origine est conservé même lorsque le panneau est déconnecté.
Les caractéristiques :
- Le panneau permet une mise au point de la vitesse maximale afin d'obtenir différents débits ou d'utiliser la pompe avec des liquides d'une viscosité différent de la programmation original.
- Surveillance à distance de fonctionnement de la pompe et de l'interaction avec elle: la vérification de la présence de liquide et réinitialiser en cas de dysfonctionnement sans débrancher l'appareil.
- Connexion rapide du panneau au câble de 3m avec terminal à l'RJ11/6, intégré dans le capteur de la pompe.
- Le panneau peut être encastré dans un trou circulaire d'un diamètre de 70 mm ou monté à l'extérieur .
- Le bornier permet à l'utilisateur de reproduire les boutons et les LEDS du panneau sur un circuit externe favorisant ainsi une gestion personnalisée des fonctions grâce à un dispositif externe conçu par des tiers.

EN The SCS control panel allows for the setting of the functions of the electronic pump in DIESEL "High Speed" mode or in OIL "Low Speed" mode. This original setting is kept also when the panel is disconnected. Characteristics:
- The panel assures a fine-tuning of the maximum speed in order to obtain various flow rates or to use the pump with liquids of a viscosity different from the original set one.
- Remote monitoring of the pump operation and interaction with it: checking of liquid presence and reset in case of malfunction without disconnecting the device.
- Quick connection of the panel to the 3m RJ11/6 terminal cable integrated in the sensor of the pump.
- The panel can be recessed in a circular hole of a 70mm diameter or externally mounted.
- The terminal block allows the user to replicate the buttons and LEDs of the panel on an external circuit thus favoring a personalized management of the functions through an external device designed by third parties.

ES El panel de control SCS permite la configuración de las funciones de la bomba electrónica en modalidad DIESEL "High Speed" o en modalidad ACEITE "Low Speed". Esta configuración original se mantiene también cuando se desconecta el panel. Características:
- El panel asegura un ajuste fino de la velocidad máxima con el fin de obtener diferentes caudales o para utilizar la bomba con líquidos de una viscosidad diferente de la programada en origen.
- Monitorización remota del funcionamiento de la bomba e interacción con ella: Comprobación de la presencia de líquido y reinicio en caso de avería sin necesidad de desconectar el dispositivo.
- Conexión rápida del panel al cable de 3m con terminal RJ11/6, integrado en el sensor de la bomba.
- El panel puede ser empotrado dentro de un orificio circular de un diámetro de 70 mm o montado externamente.
- El bloque de terminales permite al usuario reproducir los botones y LEDS del panel en un circuito externo: esto permite una gestión personalizada de las funciones a través de un dispositivo externo diseñado por terceros.

PT O painel de controle SCS permite a configuração das funções da bomba eletrônica na modalidade DIESEL "High Speed" ou na modalidade OIL "Low Speed". Esta configuração original é mantida também quando o painel estiver desligado. Características:
- O painel garante um ajuste fino da velocidade máxima de forma a obter diferentes taxas de fluxo ou para se usar a bomba com líquidos de viscosidade diferente do inicialmente programado.
- Monitoramento remoto do funcionamento da bomba e interação com a mesma: verificação da presença de líquido e reinicio em caso de funcionamento defeituoso sem desligar o dispositivo.
- Ligação rápida do painel ao cabo de 3m com terminal RJ11 / 6, integrado no sensor da bomba.
- O painel pode ser embutido num orifício circular com um diâmetro de 70 mm ou montado externamente.
- Um bloco de terminais permite replicar os botões e LEDs do painel num circuito externo: isto permite controlar individualmente as funções num dispositivo projetado por terceiros.



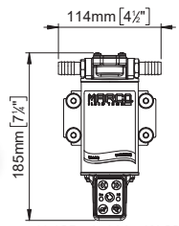
TIPO TYPE	CODICE PART NUMBER	VOLT	CONNESSIONE CONNECTION	PROTEZIONE PROTECTION	DIMENSIONI DIMENSIONS mm	FORO HOLE mm
SCS	165 204 15	12/24	RJ11	IP65	80 x 80 x 46	Ø 70

12/24V REVERSIBLE Electronic Pumps

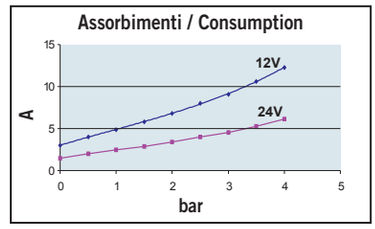
UP8-RE

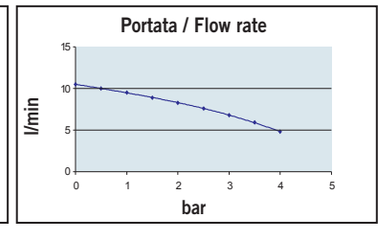
INTEGRATED SMART KEYPAD | **REVERSIBLE**

NEW



H 185 x L 114 x W 89
H 7 1/4" x L 4 1/2" x W 3 1/2"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	3,5 bar 50.8 psi

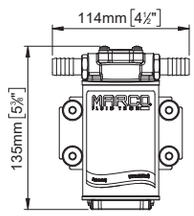
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 095 15	12/24	1,5	4A / 2A	150W	15A	13 mm	3/8" BSPP	2,2 kg

UP3-RK

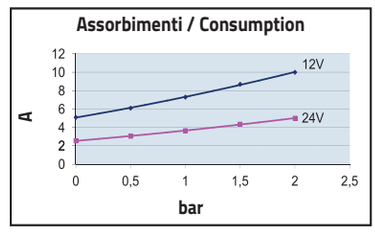
REVERSIBLE

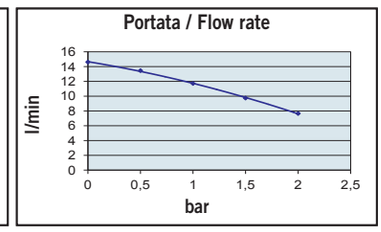
Spare parts and accessories — OCP1/3 Page 62 — OCP2/3 Page 62

For RCS Panel see page 28



H 135 x L 114 x W 82
H 5 3/8" x L 4 1/2" x W 3 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

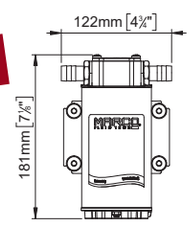
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 005 15	12/24	1,5	6A / 3A	120W	10A	13 mm	3/8" BSPP	2,1 kg

UP6-RK

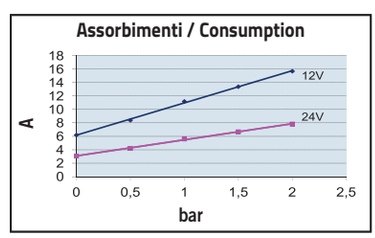
REVERSIBLE

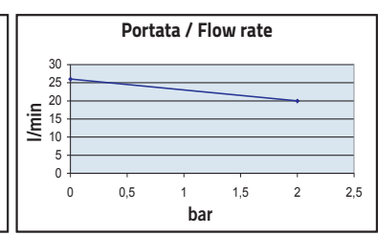
Spare parts and accessories — OCP1/6 Page 62 — OCP2/6 Page 62

For RCS Panel see page 28



H 181 x L 122 x W 108
H 7 1/8" x L 4 3/4" x W 4 1/4"

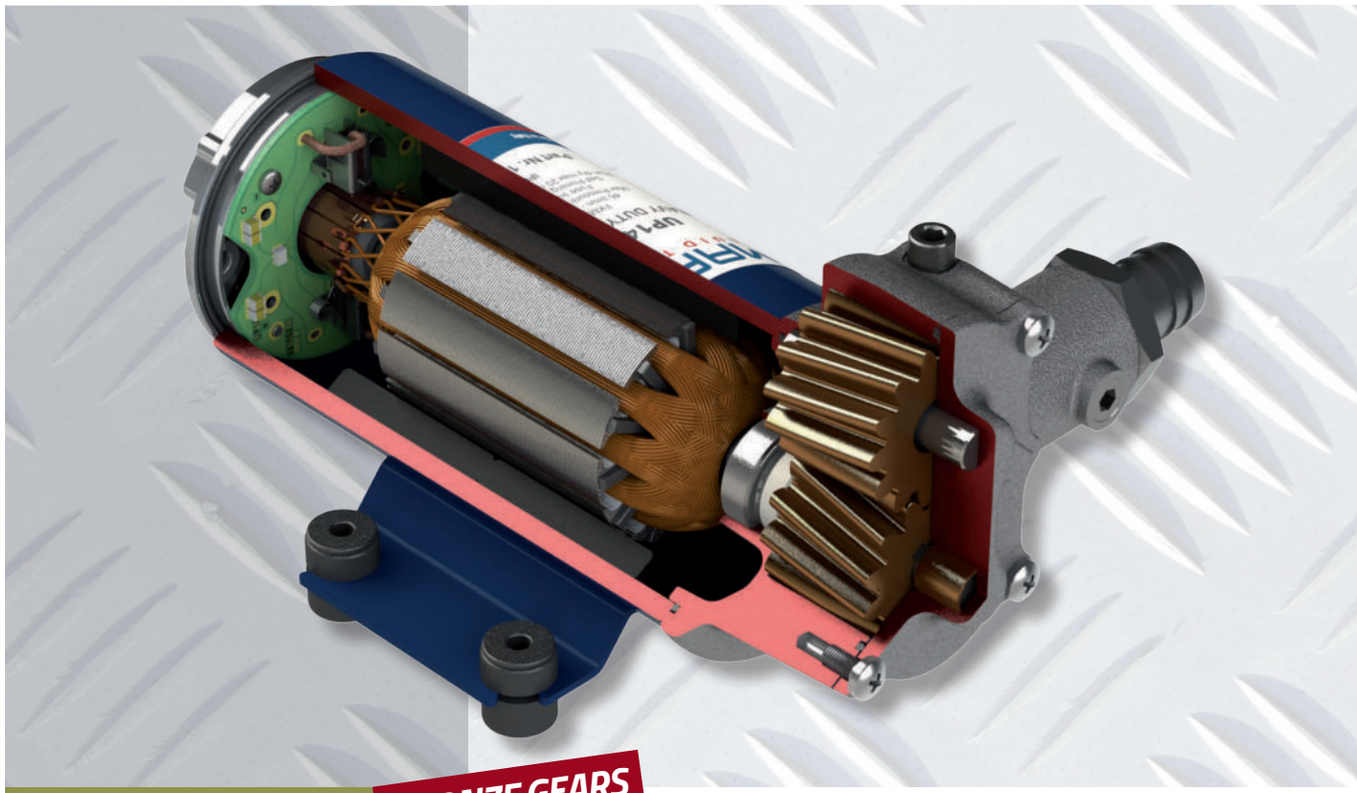


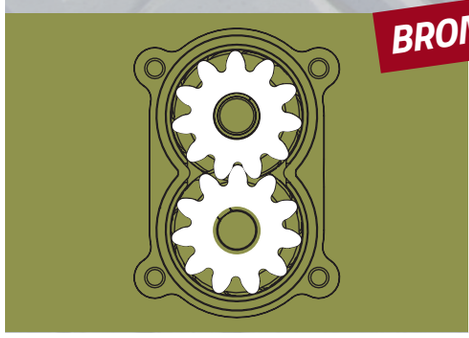


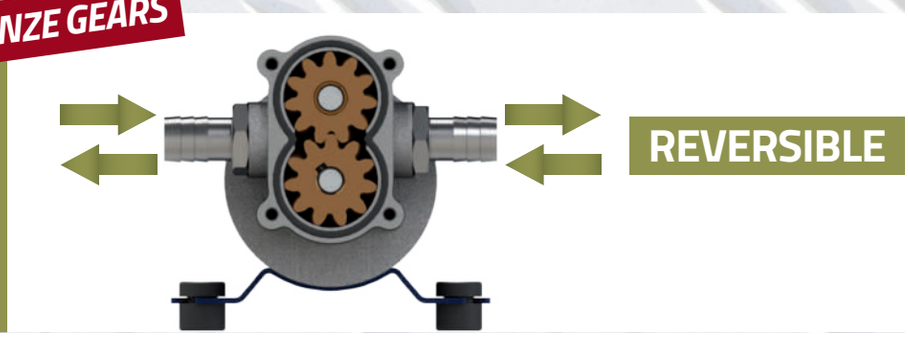
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 064 15	12/24	2	10A / 5A	180W	10A	16 mm	1/2" BSPP	3,6 kg

Bronze Gear Pumps







IT Elettropompe ad ingranaggi in bronzo per travaso di oli lubrificanti o di liquidi viscosi. Gli ingranaggi elicoidali in bronzo garantiscono pressione constante, cicli di lavoro prolungati, maggiore silenziosità e possono operare anche in mancanza di liquido. Corpo in ottone nichelato, albero in acciaio inossidabile. Tenute in FKM e O-ring in NBR. Disponibili in versioni con interruttore o deviatore integrati, kit con interruttore cavi e pinze per batteria e kit con controllo elettronico.

DE Selbstansaugende, kleine Elektropumpen mit Bronzezahnrädern, zum Umfüllen von Ölen oder dickflüssigen Flüssigkeiten. Die Bronze- Schrägzahnräder garantieren konstanten Druck, verlängerte Arbeitszyklen, sind geräuschloser und können auch ohne Flüssigkeit arbeiten. Gehäuse aus vernickeltem Messing, Spindel aus rostfreiem Stahl. Dichtungen aus FKM, O-Ringe aus NBR. Erhältlich entweder mit integriertem Ein- und Aus Schalter oder 3-Positionen- Schalter, oder Kit mit Schalter, Kabel und Batteriezangen, oder Kit mit elektronischer Kontrolle.

FR Pompes électriques auto-amorçantes avec engrenages en bronze pour transvasement d'huiles lubrifiants et de liquides visqueux. Les engrenages hélicoïdaux en bronze assurent une pression constante, des cycles de travail longs, moins de bruit et peuvent également fonctionner en l'absence de liquide. Corps en laiton nickelé et arbre en acier inoxydable. Joint en FKM et O-Ring en NBR. Disponibles en versions avec interrupteur ou déviateur intégrés, kit avec interrupteur et pinces pour batterie, et kit avec contrôle électronique.

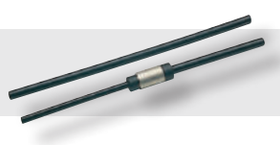
EN Self-priming electric pumps with bronze gears to transfer lubricating oils and viscous liquids. Helical bronze gears guarantee constant pressure, heavy duty cycles, less noise and can operate in the absence of liquid. Nickel-plated brass body and stainless steel shaft. FKM seals and NBR O-rings. Available in versions with integrated on-off switch or flow reverser switch, kit with on-off switch and battery clips, and kit with electronic control.

ES Electrobombas auto cebadas con engranajes en bronce para transvase aceites lubricantes o líquidos viscosos. Los engranajes helicoidales de bronce garantizan presión constante, largos ciclos de trabajo, menos ruido y pueden operar en ausencia de líquido. Cuerpo en latón niquelado, eje en acero inoxidable. Sellos en FKM y O-ring and NBR. Disponibles en versiones con interruptor o desviador de flujo integrados, Kit con interruptor y pinzas para batería y Kit con control electrónico.

PT Eletrobombas autoaspirantes com engrenagens em bronze para trasfega de óleos lubrificantes e líquidos viscosos. As engrenagens helicoidais de bronze garantem uma pressão constante, longos ciclos de trabalho, menos ruído e também podem funcionar, sem líquido. Corpo em latão niquelado, eixo em aço inox. Selos de FKM e O-ring de NBR. Disponíveis em versões com interruptor on-off ou desviador de fluxo integrados, kit com interruptor e pinças de bateria, e kit com controle eletrônico.

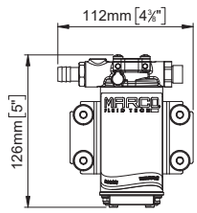
Spare parts and accessories

OK1 Page 61

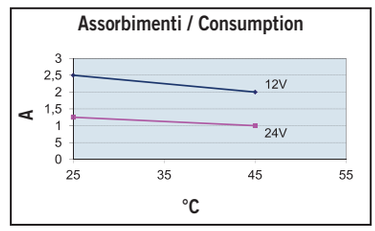


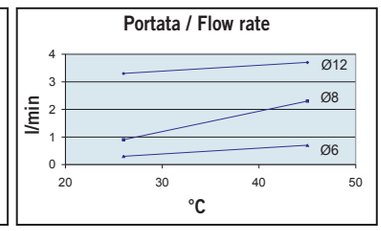
12V and 24V - DC

UP2/OIL



H 126 x L 112 x W 76
H 5" x L 4 3/8" x W 3"



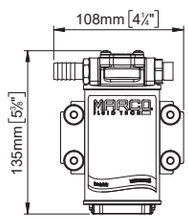


PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
3,3 l/min *0.9 gpm*	1,5 bar *22 psi*

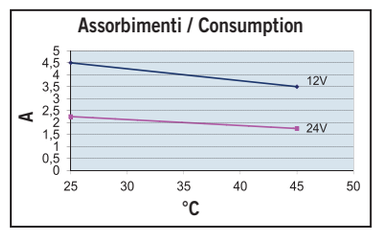
* OIL SAE 30 AT 25°C

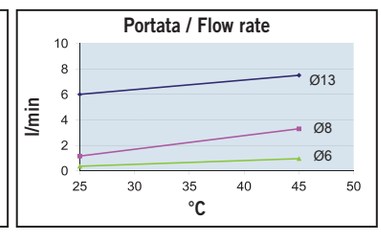
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 220 12	12	1	2,5A	90W	3A	12 mm	3/8" BSPP	1,2 kg
164 220 13	24	1	1,3A	90W	1,5A	12 mm	3/8" BSPP	1,2 kg

UP3/OIL



H 135 x L 108 x W 88
H 5 3/8" x L 4 1/4" x W 3 1/2"





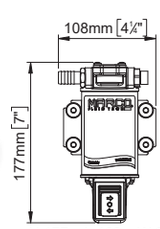
PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
5,5 l/min *1.5 gpm*	2 bar *29 psi*

* OIL SAE 30 AT 25°C

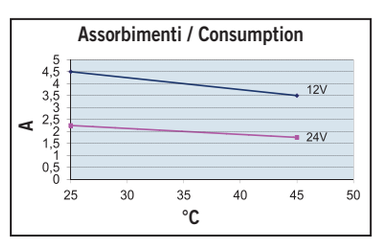
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 020 12	12	1	5A	90W	7,5A	13 mm	3/8" BSPP	1,4 kg
164 020 13	24	1	3A	90W	4A	13 mm	3/8" BSPP	1,4 kg

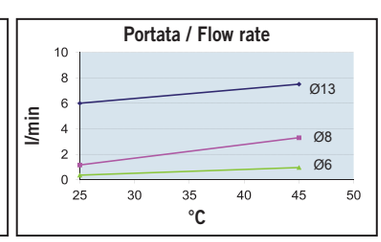
UP3/OIL-R

On/Off 3 positions reversing switch



H 177 x L 108 x W 88
H 7" x L 4 1/4" x W 3 1/2"





PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
5,5 l/min *1.5 gpm*	2 bar *29 psi*

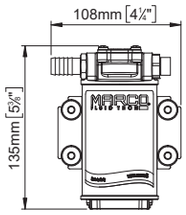
* OIL SAE 30 AT 25°C

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 022 12	12	1	5A	90W	7,5A	13 mm	3/8" BSPP	1,8 kg
164 022 13	24	1	3A	90W	4A	13 mm	3/8" BSPP	1,8 kg

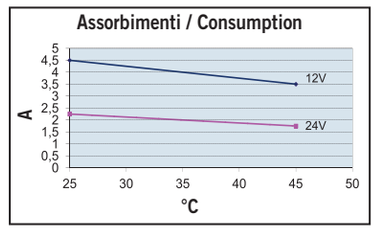
OCK1

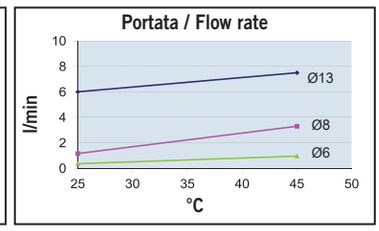
COMPLETE KIT WITH BATTERY CLIPS

12V
24V



H 135 x L 108 x W 88
H 5 3/8" x L 4 1/4" x W 3 1/2"





PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
5,5 l/min 1.5 gpm	2 bar 29 psi

* OIL SAE 30 AT 25°C

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 930 12	12	1	6A	90W	10A	13 mm	3/8" BSPP	1,7 kg
164 930 13	24	1	3A	90W	5A	13 mm	3/8" BSPP	1,7 kg

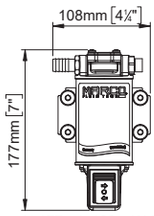
OIL

OCK1-R

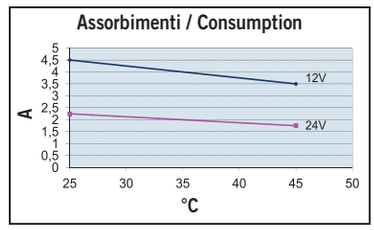
On/Off 3 positions reversing switch

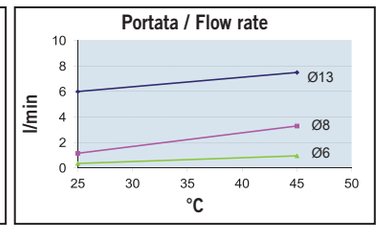
COMPLETE KIT WITH BATTERY CLIPS AND REVERSING SWITCH

12V
24V



H 177 x L 108 x W 88
H 7" x L 4 1/4" x W 3 1/2"





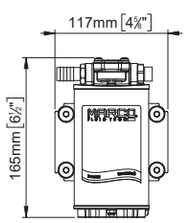
PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
5,5 l/min 1.5 gpm	2 bar 29 psi

* OIL SAE 30 AT 25°C

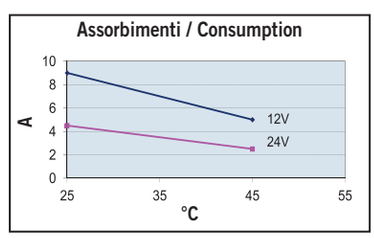
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 932 12	12	1	5A	90W	10A	13 mm	3/8" BSPP	1,4 kg
164 932 13	24	1	3A	90W	5A	13 mm	3/8" BSPP	1,4 kg

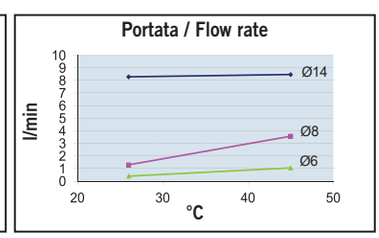
UP6/OIL

12V
24V



H 165 x L 117 x W 94
H 6 1/2" x L 4 5/8" x W 3 3/4"





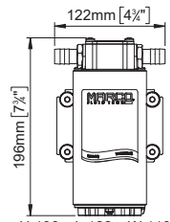
PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
8 l/min 2.1 gpm	4 bar 58 psi HIGH PRESSURE

* OIL SAE 30 AT 25°C

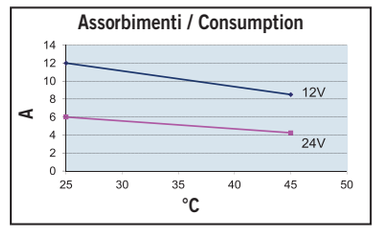
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 080 12	12	1,5	7A	120W	10A	13 mm	3/8" BSPP	2,5 kg
164 080 13	24	1,5	4A	120W	7,5A	13 mm	3/8" BSPP	2,5 kg

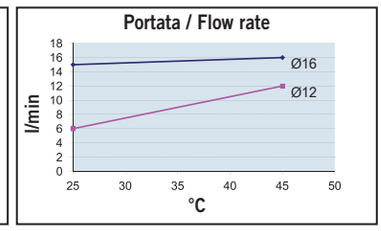
UP12/OIL

12V
24V



H 196 x L 122 x W 110 mm
H 7 3/4" x L 4 3/4" x W 4 3/8"





PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	3 bar 43.5 psi

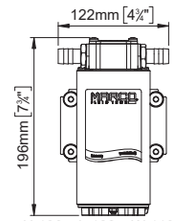
* OIL SAE 30 AT 25°C

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 320 12	12	2	11A	180W	15A	16 mm	1/2" BSPP	4,5 kg
164 320 13	24	2	6A	180W	7,5A	16 mm	1/2" BSPP	4,5 kg

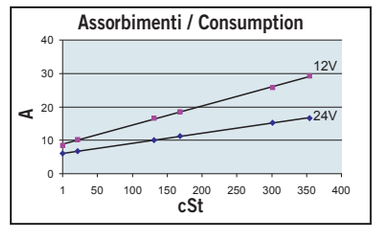
UP12-LO

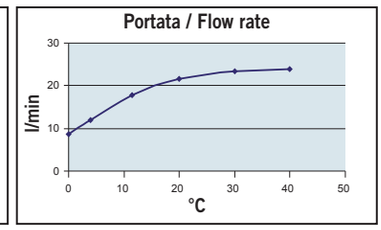
FOR LIGHT OILS

12V
24V



H 196 x L 122 x W 110 mm
H 7 3/4" x L 4 3/4" x W 4 3/8"





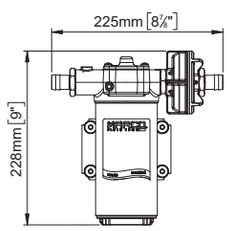
PORTATA** FLOW RATE** max.	PRESSIONE PRESSURE max.
22 l/min 5.8 gpm	3 bar 43.5 psi

** T46 OIL

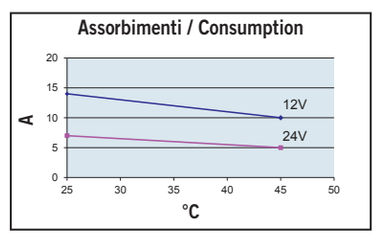
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 322 12	12	3	19A	360W	25A	16 mm	1/2" BSPP	4,5 kg
164 322 13	24	3	11A	360W	15A	16 mm	1/2" BSPP	4,5 kg

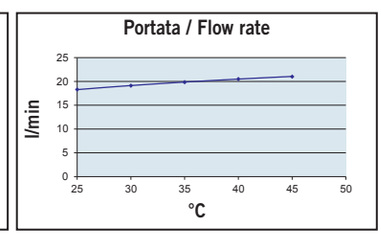
UP14/OIL

12V
24V



H 228 x L 225 x W 119
H 9" x L 8 7/8" x W 4 5/8"





PORTATA* FLOW RATE* max.	PRESSIONE PRESSURE max.
18,3 l/min 4.8 gpm	2 bar 29 psi

* OIL SAE 30 AT 25°C

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 520 12	12	2	14A	260W	20A	20 mm	3/4" BSPP	5,3 kg
164 520 13	24	2	7A	260W	15A	20 mm	3/4" BSPP	5,3 kg

12/24V Electronic Oil Change Kits

IT Pompe e sistemi reversibili con controllo elettronico per operazioni di travaso e cambio olio. Il controllo elettronico regola la velocità del motore della pompa in base alla viscosità/temperatura dell'olio e aumenta il numero di giri nella fase di adescamento per maggiore rapidità dell'operazione. Il sistema va in blocco automatico in caso di fine liquido, cortocircuito e dopo 30 minuti di operatività.

DE Pumpen und reversible Systeme mit elektronischer Kontrolle zum Umfüllen und Wechsel von Öl. Automatische Geschwindigkeitsregulierung des Motors je nach Dickflüssigkeit/Temperatur des Öles. Um die Ansaugphase zu verkürzen, wird die Drehzahl erhöht. Das System wird automatisch blockiert bei Fehlen der Flüssigkeit, bei Kurzschluss und nach 30 Minuten Arbeitszeit.

FR Pompes et systèmes réversibles avec contrôle électronique pour vidanger et changer l'huile. Le contrôle électronique règle la vitesse du moteur selon la viscosité/température de l'huile et de plus augmente le numéro de tours-moteur dans la phase d'amorçage pour une rapidité opérative. Le système est bloqué automatiquement en cas de réservoir vide, court-circuit et après 30 min. de fonctionnement.

EN Reversible electronic pumps and systems for oil fill and drain operations. The electronic control adjusts the speed of the motor according to oil viscosity/temperature and increases its speed during priming for faster operations. The system automatically shuts off in case of empty tank, short circuit and after 30 minutes of operation.

ES Bombas y sistemas reversibles con control electrónico para el vaciado/llenado de aceite. El control electrónico adapta la velocidad del motor a la viscosidad/temperatura del aceite. También aumenta la velocidad de la bomba en fase de cebadura para mejorar la velocidad de las operaciones. El sistema se para automáticamente en caso de tanque vacío, cortocircuito y después de 30 minutos de trabajo.

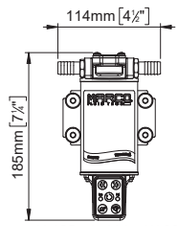
PT Bombas e sistemas reversíveis com controle eletrónico para o rápido esvaziamento e enchimento do óleo. O controle eletrônico regula a velocidade do motor conforme a viscosidade/temperatura do óleo, além disso aumenta o número das voltas na fase de aspiração para uma maior velocidade operativa. O sistema entra em bloqueio automático no caso do líquido acabar ou de curto-circuito, e depois de 30 min. de trabalho.

Spare parts and accessories
Page 62

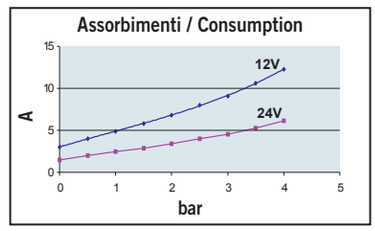
OCP1/3 OCP2/3 OCP1/6 OCP2/6

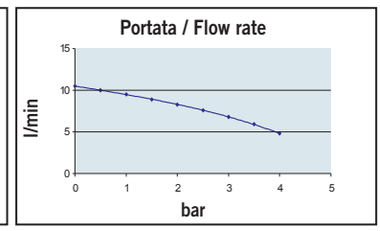
OCK8-E

INTEGRATED SMART KEYPAD **REVERSIBLE**



H 185 x L 114 x W 89
H 7 1/4" x L 4 1/2" x W 3 1/2"

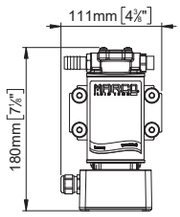




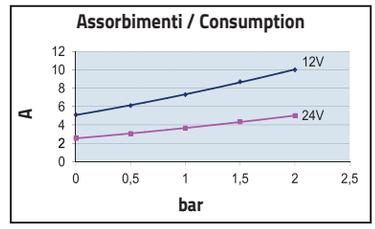
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.	CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
10 l/min 2.6 gpm	3,5 bar 50.8 psi HIGH PRESSURE	164 936 15	12/24	1,5	4A / 2A	150W	15A	13 mm	3/8" BSPP	2,2 kg

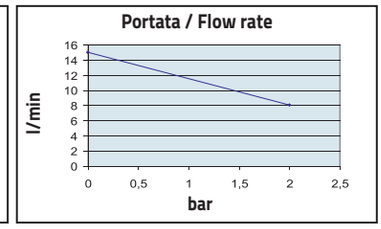
OCK1-E

REVERSIBLE **COMPLETE KIT WITH BATTERY CLIPS**



H 180 x L 111 x W 90
H 7 1/8" x L 4 3/8" x W 3 1/8"

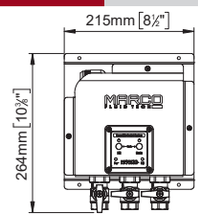




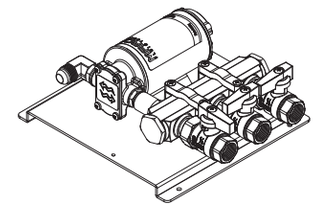
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.	CODICE PART NUMBER	VOLT	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO HOSE	BOCCHE PORTS	PESO WEIGHT
15 l/min 4 gpm	2 bar 29 psi	164 931 15	12/24	1	6A / 3A	120W	7,5A	13 mm	3/8" BSPP	2,4 kg

OCS3/E

REVERSIBLE



H 264 x L 215 x W 114
H 10 3/8" x L 8 1/2" x W 4 1/2"

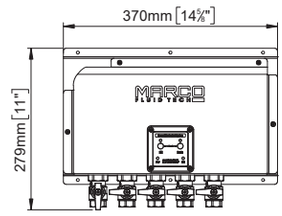


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	2 bar 29 psi

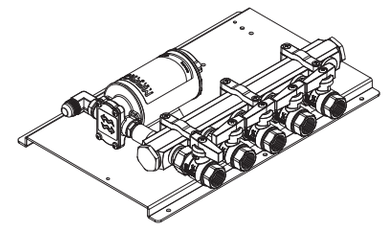
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 924 15	12/24	1,5	4A /2A	120W	10A	1/2" BSPP	4,4 kg

OCS5/E

REVERSIBLE



H 279 x L 370 x W 124
H 11" x L 14 5/8" x W 4 7/8"

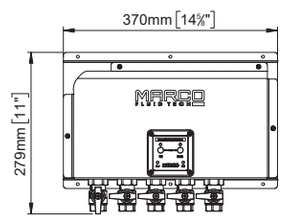


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	2 bar 29 psi

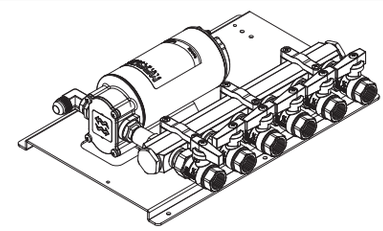
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 925 15	12/24	1,5	4A /2A	120W	10A	1/2" BSPP	6,5 kg

OCS6/E

REVERSIBLE



H 279 x L 370 x W 124
H 11" x L 14 5/8" x W 4 7/8"

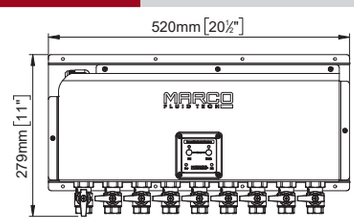


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

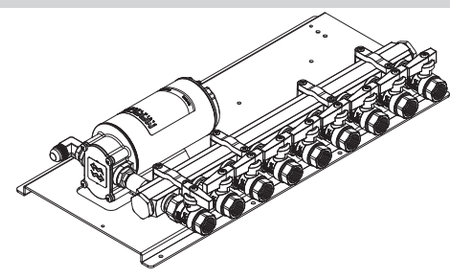
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 926 15	12/24	1,5	5A / 2,5A	180W	10A	1/2" BSPP	8 kg

OCS9/E

REVERSIBLE



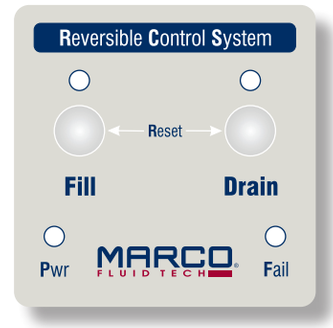
H 279 x L 520 x W 124
H 11" x L 20 1/2" x W 4 7/8"



PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 928 15	12/24	1,5	5A / 2,5A	180W	10A	1/2" BSPP	10 kg
164 928 1H	100-240	1,5	0,3A	180W	1A	1/2" BSPP	10,8 kg

RCS - Reversible Control System



IT Il pannello di controllo OCS, integrato nelle pompe e nei sistemi di travaso e cambio olio, permette di monitorare il funzionamento della pompa ed interagire con essa. Caratteristiche:
- Reversibilità della direzione del flusso che permette due modalità operative: DRAIN per l'aspirazione e FILL per il riempimento.
- Regolazione automatica della velocità del motore in base alla viscosità e alla temperatura del liquido.
- Arresto e riavvio della pompa con la semplice pressione di un tasto.
- Reset istantaneo tramite la pressione simultanea dei due tasti operativi (DRAIN e FILL).
- Arresto automatico dopo 30 secondi in caso di olio troppo viscoso o rubinetto chiuso.
- Arresto automatico dopo 90 secondi dal termine del travaso, quando la pompa è vuota.
- Arresto automatico dopo 30 minuti di funzionamento senza interruzioni (opzione disattivabile direttamente dal pannello).
- Segnalazioni operative tramite LED luminosi.
- Possibilità di impostazione "High Speed" per travaso diesel.

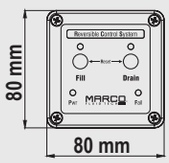
DE Das OCS-Kontrollpaneel, das in den Pumpen und in den Umfüll- und Ölwechselsystemen integriert ist, ermöglicht die Kontrolle der Pumpentätigkeit, sowie eine Interaktion. Eigenschaften:
- Flüssigkeit kann in zwei Richtungen fließen: DRAIN-Modus beim Absaugen und FILL-Modus beim Einfüllen
- automatische Geschwindigkeitsregelung des Motors je nach Zähflüssigkeitsgrad und Temperatur
- Stoppen und Starten der Pumpe wird mit einem Knopfdruck betätigt
- unmittelbares Resettieren erfolgt mit simultanem Drücken der beiden Tasten DRAIN und FILL
- bei allzu zähflüssigem Öl oder bei geschlossenem Hahn erfolgt ein automatischer Stop nach 30 Sekunden
- automatischer Stop nach 90 Sekunden, wenn nach dem Umfüllen die Pumpe leer ist
- automatischer Stop nach 30 Minuten ununterbrochener Arbeit (kann man, wenn unerwünscht, direkt am Paneel ausschalten)
- LED-Anzeige bei leerem Behälter
- "High speed" Einstellungsmöglichkeit für Dieselumfüllung

FR Le panneau de contrôle OCS, intégré dans les pompes à huile et les systèmes de changement d'huile vous permet de surveiller à distance le fonctionnement de la pompe et d'interagir avec elle. Caractéristiques:
- Réversibilité du sens d'écoulement, ce qui permet deux modes de fonctionnement : DRAIN pour l'aspiration et FILL pour le remplissage.
- Régulation automatique de la vitesse du moteur en fonction de la viscosité et de la température du liquide.
- Arrêt et démarrage de la pompe avec une simple pression sur un bouton.
- Réinitialisation immédiate en appuyant sur les boutons DRAIN et FILL à la fois.
- Arrêt automatique au bout de 30 secondes en présence d'huile avec une viscosité excessive ou robinet fermé.
- Arrêt automatique au bout de 90 secondes de la fin de l'opération lorsque la pompe est vide.
- Arrêt automatique au bout de 30 minutes de fonctionnement continu (cette option peut être désactivée directement depuis le panneau).
- Les opérations sont signalées par des LEDs lumineuses.
- Possibilité de réglage "High Speed" pour le transvasement de diesel.

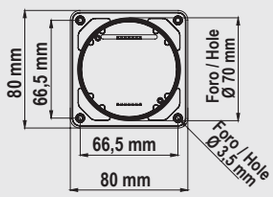
EN The OCS control panel integrated in the oil pumps and oil change systems allows you to remotely monitor the operation of the pump and interact with it. Features:
- The reversibility of flow direction allows for two operative modes: DRAIN for aspiration and FILL for filling.
- Automatic regulation of the motor speed according to viscosity and temperature of the liquid.
- Stop and Start of the pump with a simple push of a button.
- Immediate reset by pressing the DRAIN and FILL buttons at the same time.
- Automatic stop after 30 seconds in presence of oil with excessive viscosity or closed tap.
- Automatic stop after 90 seconds from the end of the operation when the pump is empty.
- Automatic stop after 30 minutes of continuous operation (this option can be deactivated directly from the panel).
- Operations are signaled by luminous LEDs.
- Possibility of "High Speed" setting for diesel transfer.

ES El panel de control OCS integrado en las bombas de aceite y en los sistemas de cambio de aceite permite controlar a distancia el funcionamiento de la bomba e interactuar con ella. Características:
- Reversibilidad de la dirección del flujo a través de dos modos operativos: DRAIN para aspiración y FILL para llenado.
- Regulación automática de la velocidad del motor de acuerdo con la viscosidad y la temperatura del líquido.
- Apagamiento e reinicio de la bomba con una simple pulsación de un botón.
- Reajuste inmediato pulsando los botones DRAIN y FILL al mismo tiempo.
- Parada automática después de 30 segundos en presencia de aceite con una viscosidad excesiva o grifo cerrado.
- Parada automática después de 90 segundos desde el final de la operación cuando la bomba está vacía.
- Parada automática después de 30 minutos de funcionamiento continuo (esta opción se puede desactivar directamente desde el panel).
- Las operaciones se indican mediante LEDs luminosos.
- Posibilidad de ajuste al modo "High Speed" para transvase de diésel.

PT O painel de controle OCS integrado nas bombas de óleo e nos sistemas de mudança de óleo permite monitorar remotamente o funcionamento da bomba e interagir com a mesma. Características:
- Dois modos operativos: DRAIN para aspiração e FILL para enchimento, com possibilidade de inversão do sentido de fluxo.
- Regulação automática da velocidade do motor conforme a viscosidade e a temperatura do líquido.
- Paragem e arranque da bomba com uma simples pressão dum botão.
- Redefinição inmediata pressionando os botões DRAIN e FILL ao mesmo tempo.
- Paragem automática depois de 30 segundos em presença de óleo com viscosidade excessiva ou torneira fechada.
- Paragem automática depois de 90 segundos a partir do final da operação, quando a bomba está vazia.
- Paragem automática depois de 30 minutos de operação contínua (esta opção pode ser desativada diretamente no painel).
- As operações são sinalizadas por LEDs luminosos.
- Possibilidade de definir o modo "High Speed" para trasfega de diesel.

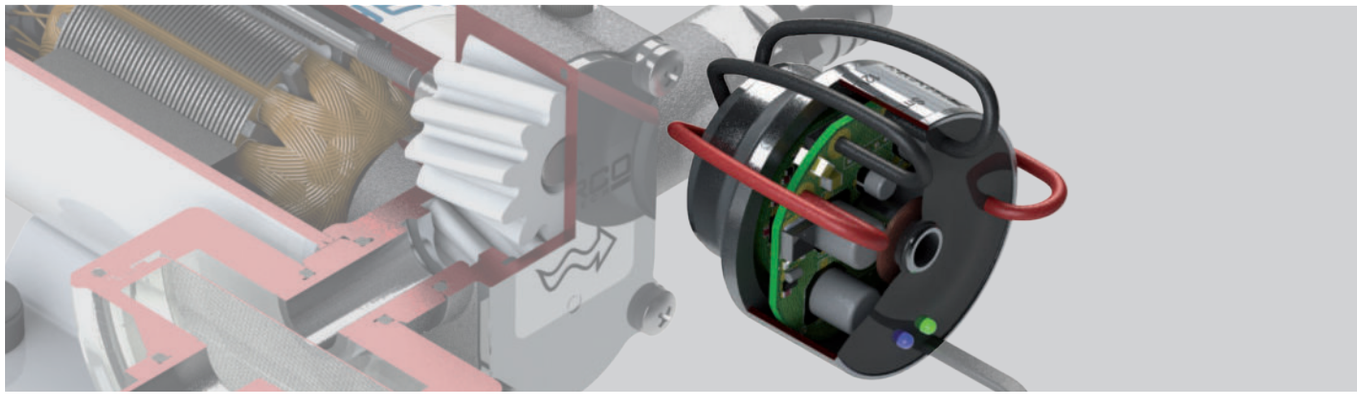


H= 46 mm



TIPO TYPE	CODICE PART NUMBER	VOLT	DESCRIZIONE DESCRIPTION	PROTEZIONE PROTECTION	DIMENSIONI DIMENSIONS mm	FORO HOLE mm
RCS	165 201 15	12/24	for UP3-RK	IP67	80 x 80 x 46	Ø 70
	165 202 15	12/24	for UP6-RK	IP67	80 x 80 x 46	Ø 70

ELECTRONIC PRESSURE SENSOR



IT Il sensore di pressione elettronico regola la portata richiesta variando proporzionalmente i giri del motore e garantisce:

- Controllo costante di pressione, corrente e voltaggio
- Protezione della pompa da cortocircuiti e sovratensioni
- Arresto automatico in caso di fine liquido
- Riduzione dei disturbi elettrici grazie all'accelerazione graduale del motore
- Maggiore silenziosità
- Ottimizzazione dei consumi di corrente
- Minor usura dei componenti e maggior durata del sistema
- Segnalazioni operative tramite LED luminosi

EN The electronic pressure sensor controls the requested flow rate by proportionally adapting the speed of the motor and guarantees:

- Constant control of pressure, voltage and electrical draw
- Protection of the pump from short circuits and overvoltage
- Automatic stop in case of no liquid
- Reduction of electrical interferences thanks to the gradual acceleration of the motor
- Noise reduction during operation
- Optimization of electrical draw
- Reduced wear of components and increased life of the system
- Operative functions signaled by luminous LEDs

DE Der elektronische Drucksensor regelt die angeforderte Durchflussrate, indem er die Motordrehzahl anpasst und garantiert außerdem:

- Konstante Kontrolle von Druck, Strom und Spannung
- Sichert die Pumpe gegen Kurzschlüssen und Überströmen
- Automatische Stop-Funktion bei Flüssigkeitsmangel
- Verminderung der elektrischen Störungen dank der graduellen Steigerung des Motors
- Geräuschärmer
- Optimierung des Stromverbrauchs
- Reduzierung der mechanischen Verschleißteile und verlängerte Dauer des Systems
- Betriebsfunktionen werden anhand von LED-Leuchten angezeigt

FR Le capteur de pression électronique contrôle le débit demandé en adaptant proportionnellement la vitesse du moteur et garantit:

- Contrôle constant de pression, tension et tirage électrique
- Protection de la pompe contre les courts circuits et les surcharges
- Arrêt automatique en cas de fin du liquide
- Réduction des interférences électriques grâce à l'accélération progressive du moteur
- Réduction du bruit pendant le fonctionnement
- Optimisation du tirage électrique
- Réduction de l'usure des composants et durée de vie accrue du système
- Fonctions opérationnelles signalées par LEDs lumineuses

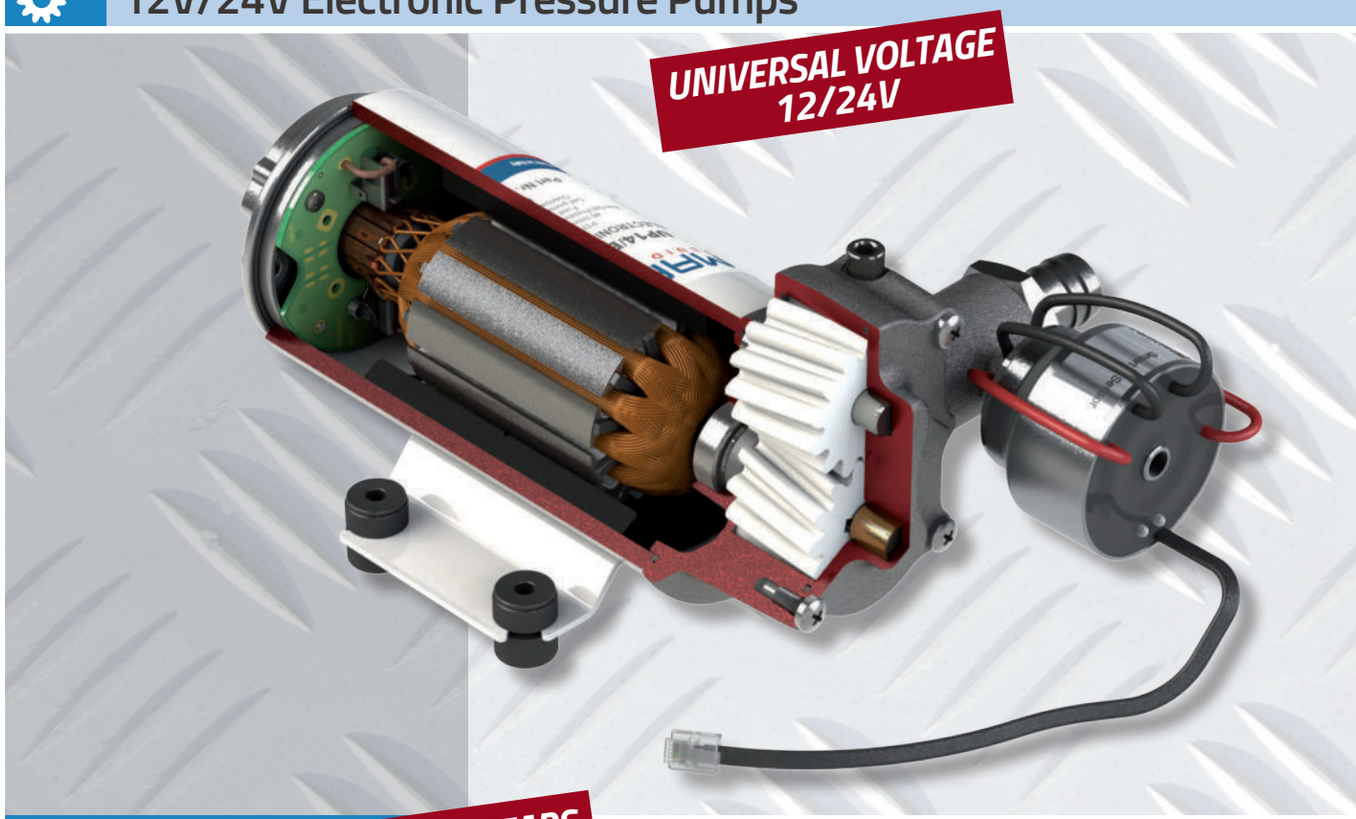
ES El sensor de presión electrónico controla el caudal requerido adaptando gradualmente la velocidad del motor y garantiza:

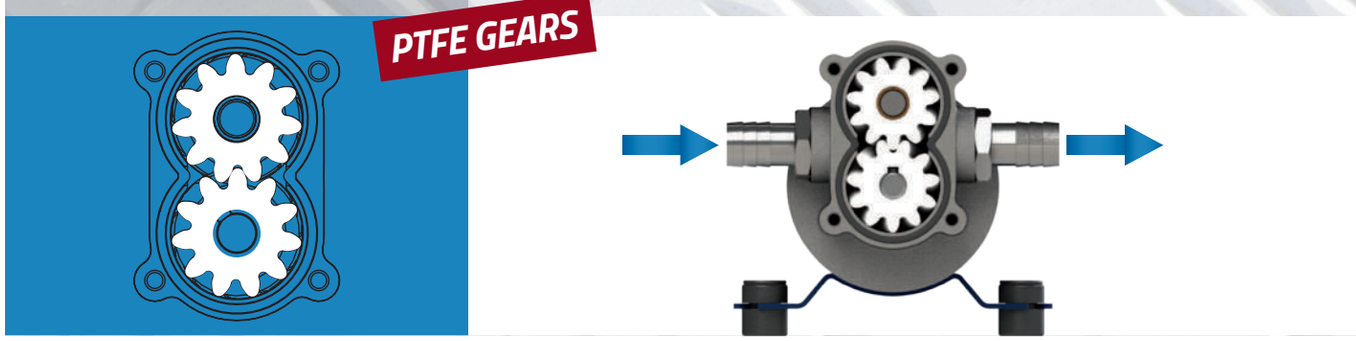
- Control constante de presión, corriente y voltaje
- Protección de la bomba contra cortocircuitos y sobretensiones
- Paro automático en caso de acabar el liquido
- Reducción de los disturbios eléctricos gracias a la aceleración gradual del motor
- Reducción del ruido durante el funcionamiento
- Optimización del consumo eléctrico
- Menor desgaste de los componentes y mayor duración de la vida del sistema
- Condiciones operativas señaladas por LEDs luminosos

PO O sensor de pressão eletrônico controla o fluxo desejado adaptando gradualmente a velocidade do motor e garante:

- Controle constante de pressão, corrente e tensão
- Proteção da bomba contra curtos-circuitos e sobretensões
- Paragem automática em caso do líquido acabar
- Redução das interferências elétricas graças à aceleração gradual do motor
- Redução de ruído durante o funcionamento
- Otimização do consumo de eletricidade
- Desgaste reduzido dos componentes e maior duração do sistema
- Condições de funcionamento indicadas pelos LEDs iluminados

PTFE Gear Pumps
12V/24V Electronic Pressure Pumps





IT Elettropompe autoadescanti ad ingranaggi elicoidali in PTFE, voltaggio universale 12V/24V, valvola di non ritorno e sensore di pressione elettronico. Gli ingranaggi in PTFE garantiscono pressione constante, cicli di lavoro prolungati, maggiore silenziosità e ottima resistenza ad agenti chimici. Corpo e connessioni in ottone nichelato, albero in acciaio inossidabile, tenute in FKM e O-ring in NBR. Disponibili nella versione con pannello di controllo elettronico per gestione a distanza della pompa.

DE Selbstansaugende, PTFE-Schrägzahnrad-Elektropumpen, 12V/24V Spannung, mit Rückschlagventil und elektronischem Drucksensor. Die PTFE-Zahnräder garantieren für einen konstanten Druck, für verlängerte Arbeitszyklen, Chemikalienresistenz und für verminderten Geräuschpegel. Gehäuse und Verbindungen aus vernickeltem Messing, Spindel aus rostfreiem Stahl, Dichtungen aus FKM und O-Ring aus NBR. Auch mit elektronischem Kontrollpaneel erhältlich.

FR Pompes électriques auto amorçantes avec engrenages hélicoïdaux en PTFE, tension universelle 12V / 24V, clapet anti-retour et capteur de pression électronique. Les engrenages en PTFE garantissent une pression constante, long cycles de travail, moins de bruit et une excellente résistance aux produits chimiques. Corps et raccords en laiton nickelé, arbre en acier inoxydable. Joint en FKM et O-Ring en NBR. Disponibles en version avec panneau de contrôle électronique pour la gestion à distance de la pompe.

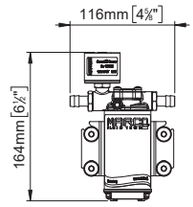
EN Self-priming electric pumps with helical PTFE gears, universal voltage 12V / 24V, check valve and electronic pressure sensor. The PTFE gears guarantee constant pressure, heavy-duty cycles, lower noise levels and excellent resistance to chemicals. Body and nickel-plated brass connections, stainless steel shaft. FKM seals and NBR O-rings. Also available with electronic control panel for remote control.

ES Electrobombas eléctricas auto-cebadas con engranajes helicoidales en PTFE, voltaje universal 12V/24V, válvula de retención y sensor de presión electrónico. Los engranajes de PTFE garantizan una presión constante, largos ciclos de trabajo, niveles de ruido reducidos y una excelente resistencia a los productos químicos. Cuerpo y conexiones en latón niquelado, eje de acero inoxidable. Sellos en FKM y O-ring en NBR. Disponibles en versión con panel de control electrónico para la gestión remota de la bomba.

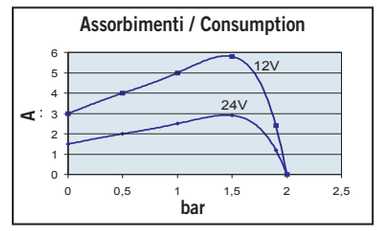
PT Eletrobombas auto-aspirantes com engrenagens helicoidais em PTFE, tensão universal 12V / 24V, válvula de retençao e sensor de pressão eletrônico. As engrenagens de PTFE garantem uma pressão constante, longos ciclos de trabalho, baixos níveis de ruído e excelente resistência à produtos químicos. Corpo e ligações em latão niquelado, eixo em aço inox, selos em FKM e O-ring em NBR. Disponíveis na versão com painel de controle eletrônico para a gestão remota da bomba.

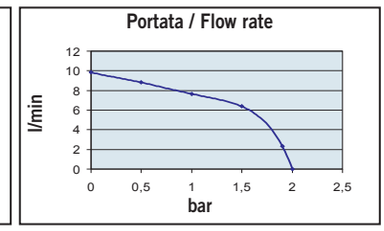
UP2/E

12/24V



H 164 x L 116 x W 81
H 6 1/2" x L 4 5/8" x W 3 1/4"



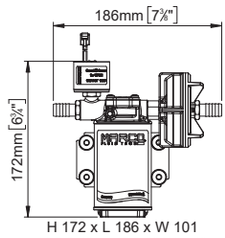


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.	CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
10 l/min 2.6 gpm	2 bar 29 psi	164 660 15	12/24	1,5	3A / 1,5A	90W	7,5A	12 mm	3/8" BSPP	1,3 kg

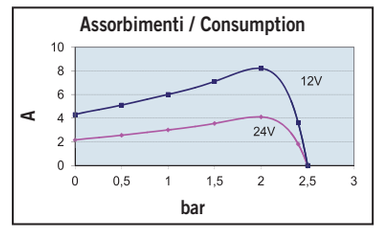
UP3/E

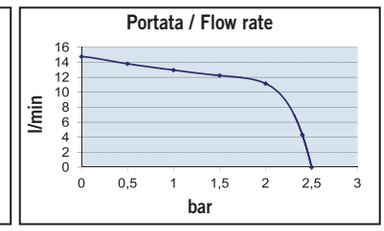
OPTIONAL PCS Control Panel (page 35)

12/24V



H 172 x L 186 x W 101
H 6 3/4" x L 7 3/8" W x 4"



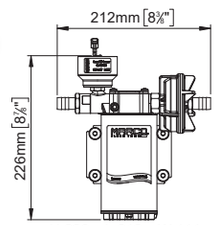


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.	CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
15 l/min 4 gpm	2,5 bar 36 psi	164 602 15	12/24	1,5	6A / 3A	150W	15A	13 mm	3/8" BSPP	2 kg

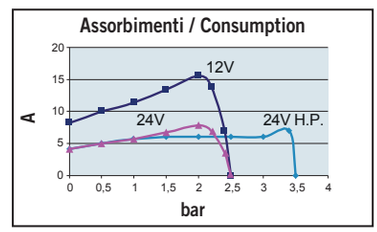
UP6/E

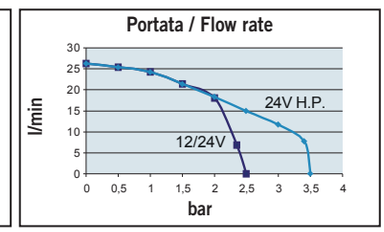
OPTIONAL PCS Control Panel (page 35)

12/24V



H 226 x L 212 x W 111
H 8 7/8" x L 8 3/8" x W 4 3/8"



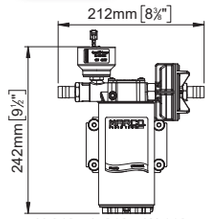


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.	CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
26 l/min 6.9 gpm	2,5 bar 36 psi	164 622 15	12/24	1,5	10A / 5A	180W	20A	16 mm	1/2" BSPP	3,7 kg
HIGH PRESSURE	3,5 bar 50.8 psi	164 622 13	24	1,5	5A	180W	10A	16 mm	1/2" BSPP	3,7 kg

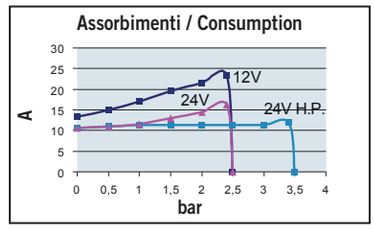
ELECTRONIC PRESSURE PUMPS

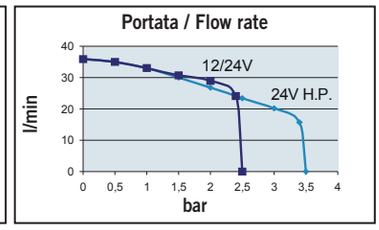
UP12/E

OPTIONAL PCS Control Panel (page 35)



H 242 x L 212 x W 113
H 9 1/2" x L 8 3/8" x W 4 1/2"



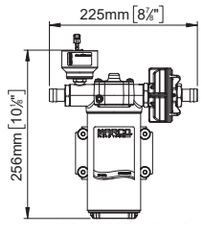


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
36 l/min 9.5 gpm	2,5 bar 36 psi
HIGH PRESSURE	3,5 bar 50.8 psi

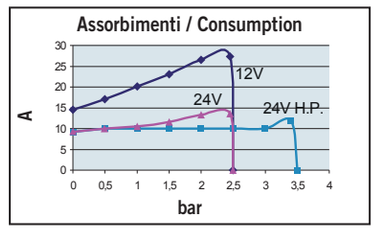
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 681 15	12/24	3	14A / 7A	360W	25A	16 mm	1/2" BSPP	4,9 kg
164 681 13	24	3	7A	360W	15A	16 mm	1/2" BSPP	4,9 kg

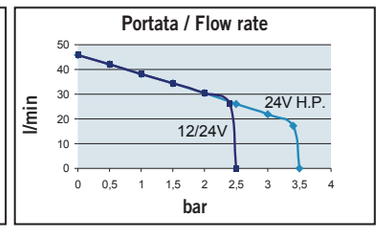
UP14/E

INCLUDED PCS Control Panel (page 35)



H 256 x L 225 x W 119
H 10 1/8" x L 8 7/8" x W 4 5/8"



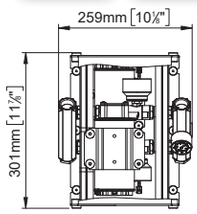


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
46 l/min 12.2 gpm	2,5 bar 36 psi
HIGH PRESSURE	3,5 bar 50.8 psi

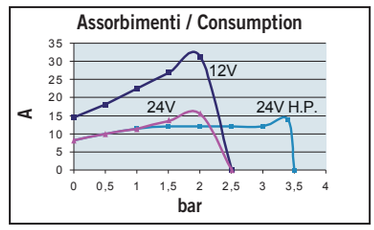
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 690 15	12/24	3	16A / 8A	400W	30A	20 mm	3/4" BSPP	5,2 kg
164 690 13	24	3	8A	400W	15A	20 mm	3/4" BSPP	5,2 kg

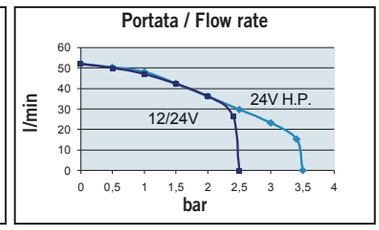
UP6/E-DX

INCLUDED PCS Control Panel (page 35)



H 301 x L 259 x W 230
H 11 7/8" x L 10 1/8" x W 9"



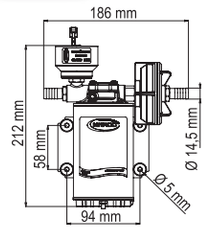


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
52 l/min 13.7 gpm	2,5 bar 36 psi
HIGH PRESSURE	3,5 bar 50.8 psi

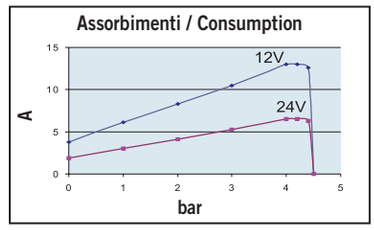
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	BOCCHE PORTS	PESO WEIGHT
164 624 15	12/24	1,5	16A / 8A	2 x 180W	40A	3/4" BSPP	11,1 kg
164 624 13	24	1,5	9A	2 x 180W	20A	3/4" BSPP	11,1 kg

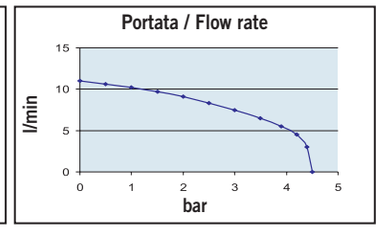
UP9/E

OPTIONAL PCS Control Panel (page 35)



Dim. 186 x 212 x 106 mm



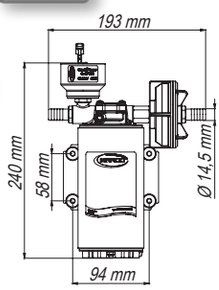


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	4,5 bar 65.3 psi HIGH PRESSURE

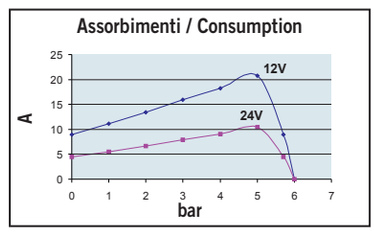
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 642 15	12/24	1,5	5A / 2,5A	180W	15A	13 mm	3/8" BSPP	3,3 kg

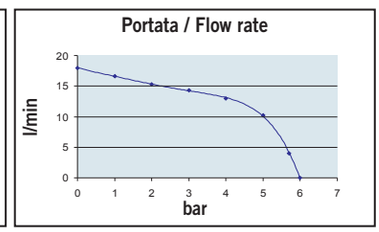
UP10/E

OPTIONAL PCS Control Panel (page 35)



Dim. 240 x 193 x 109 mm

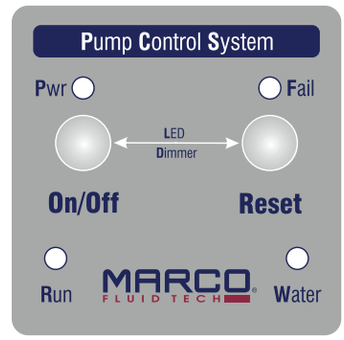




PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	6 bar 87 psi HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 404 15	12/24	3	11A / 5,5A	360W	25A	13 mm	3/8" BSPP	4,3 kg

PCS - Pump Control System



IT Il pannello di controllo PCS permette di monitorare a distanza il funzionamento della pompa ed interagire con essa.

Caratteristiche:

- Monitoraggio a distanza del funzionamento della pompa ed interazione con essa: verifica della presenza di liquido e reset in caso di malfunzionamento senza togliere l'alimentazione.
- Il LED "Run" segnala il funzionamento della pompa ed avvisa in caso di piccole perdite nell'impianto evitando danni al motore a causa del funzionamento prolungato a bassi giri.
- Arresto e riavvio della pompa con la semplice pressione di un tasto.
- Connessione rapida del pannello al cavo di 3m con attacco RJ11/6 integrato nel sensore della pompa.
- Possibilità di montaggio ad incasso con foro circolare di diametro 70mm o di montaggio esterno.
- Morsettiera che permette di replicare i pulsanti e i LED presenti sul pannello su un circuito esterno: questo permette di gestire in modo personalizzato le funzionalità su un dispositivo progettato da terze parti.

DE Das PCS Kontroll- Paneel ermöglicht es, die elektronische Pumpe fern zu steuern und mit ihr zu interagieren.

Eigenschaften:

- Fernüberwachung des Pumpenlaufs und deren Fernsteuerung: kontrolliert das Vorhandensein von Flüssigkeit, bei Fehlbetrieb schaltet sich die Reset-Funktion ein, ohne alles ausschalten zu müssen.
- Das "Run" LED zeigt an, dass die Pumpe arbeitet und gibt eine Warnung an bei kleinen Wasserverlusten im System. Damit kann, bei längerem Betrieb mit niedrigen Umdrehungen, ein Motorschaden verhindert werden.
- Stoppen und Starten der Pumpe wird mit einem Knopfdruck betätigt.
- Schnellverbindung des Paneels an das 3m RJ11/6 Kabel, das in dem Pumpensensor integriert ist.
- Einbaumöglichkeit in rundem, 70mm- Durchmesser Loch oder externe Montage.
- Mit dem Verteiler kann man die Knöpfe und LEDs des Paneels auf einen externen Kreis wiedergeben: dieses ermöglicht eine individuelle Einstellung der Funktionen auf einer externen Vorrichtung, die von Dritten entworfen wurde.

FR Le panneau de contrôle PCS vous permet de surveiller à distance le fonctionnement de la pompe et d'interagir avec elle.

Les caractéristiques:

- Surveillance à distance du fonctionnement de la pompe et de l'interaction avec elle: vérification de la présence de liquide et réinitialisation en cas de dysfonctionnement sans débrancher l'appareil.
- Le LED "Run" indique que la pompe est en marche et donne l'alerte en cas de petites fuites dans le système, pour prévenir des dommages au moteur en raison d'un fonctionnement prolongé à faible vitesse.
- Arrêt et démarrage de la pompe avec une simple pression sur un bouton.
- Connexion rapide du panneau au câble de 3m avec terminal RJ11/6, intégré dans le capteur de la pompe.
- Le panneau peut être encastré dans un trou circulaire d'un diamètre de 70 mm ou monté à l'extérieur .
- Le bornier permet à l'utilisateur de reproduire les boutons et el les LEDS du panneau sur un circuit externe favorisant ainsi une gestion personnalisée des fonctions grâce à un dispositif externe conçu par des tiers.

EN The PCS control panel allows you to remotely monitor the operation of the pump and interact with it.

Characteristics:

- Remote monitoring of the pump operation and interaction with it: checking of liquid presence and reset in case of malfunction without disconnecting the device.
- The "Run" LED indicates that the pump is working and alerts in case of small leaks in the system, preventing motor damage due to prolonged operation at low speed.
- Stop and Start of the pump with a simple push of a button.
- Quick connection of the panel to the 3m RJ11/6 terminal cable integrated in the sensor of the pump.
- The panel can be recessed in a circular hole of a 70mm diameter or externally mounted.
- The terminal block allows the user to replicate the buttons and leds of the panel on an external circuit thus favoring a personalized management of the functions through an external device designed by third parties.

ES El panel de control PCS permite controlar a distancia el funcionamiento de la bomba e interactuar con ella.

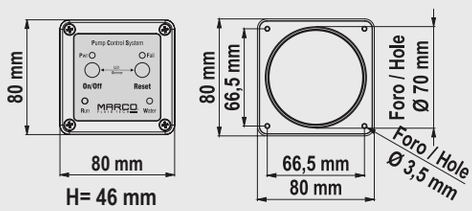
Características:

- Monitorización remota del funcionamiento de la bomba e interacción con ella: Comprobación de la presencia de líquido y reinicio en caso de avería sin necesidad de desconectar el dispositivo.
- El LED « Run » indica que de la bomba está funcionando y avisa en caso de pequeñas fugas en el sistema, para prevenir daños en el motor debido al funcionamiento prolongado a baja velocidad.
- Apagamiento e reinicio de la bomba con una simple pulsación de un botón.
- Conexión rápida del panel al cable de 3m con terminal RJ11 / 6, integrado en el sensor de la bomba.
- El panel puede ser empotrado dentro de un orificio circular de un diámetro de 70 mm o montado externamente.
- El bloque de terminales permite al usuario reproducir los botones y LEDS del panel en un circuito externo: esto permite una gestión personalizada de las funciones a través de un dispositivo externo diseñado por terceros.

PT O painel de controle PCS permite monitorar remotamente o funcionamento da bomba e interagir com a mesma.

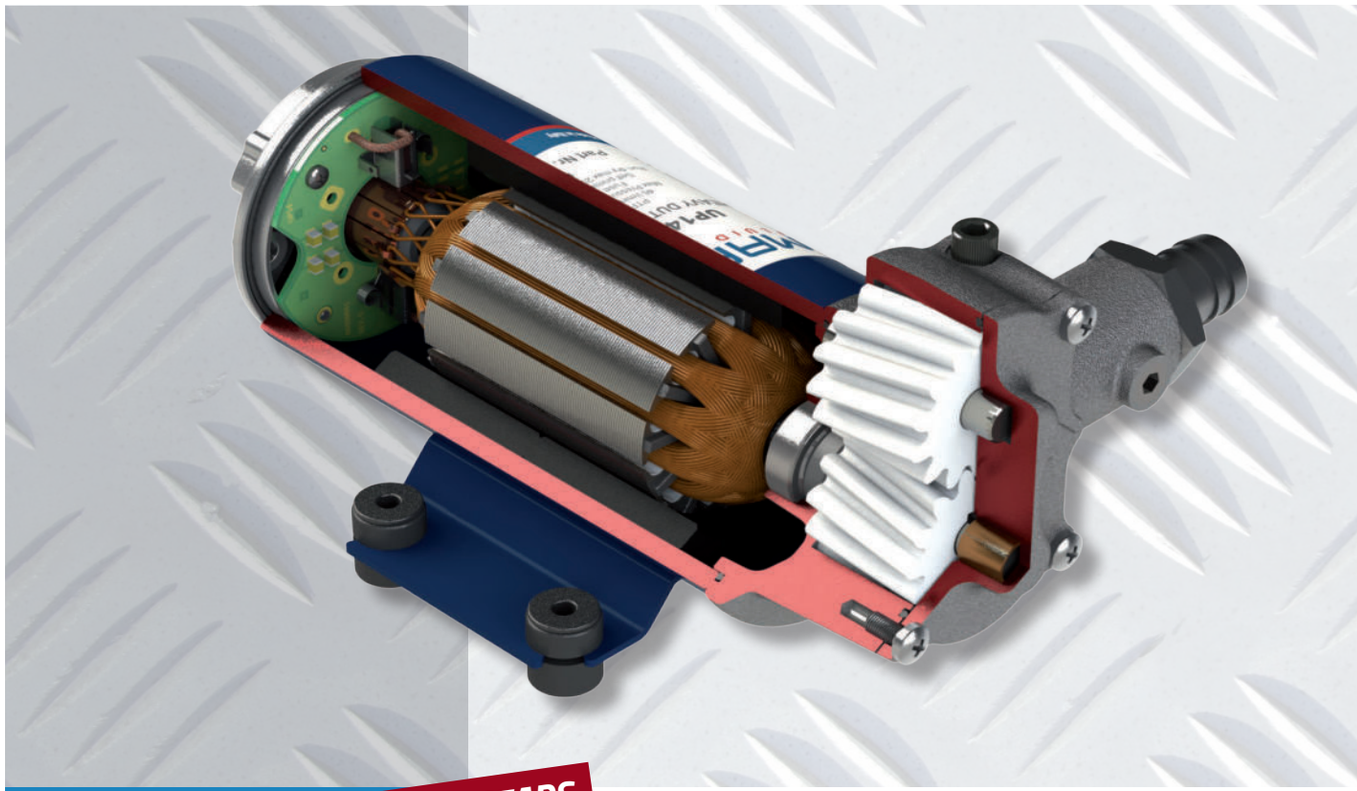
Características:

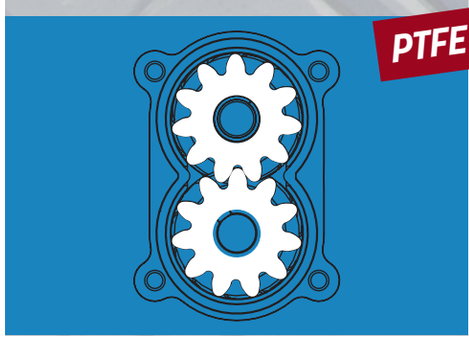
- Monitoramento remoto da operação da bomba e interação com a mesma: verificação da presença de líquido e reinicio em caso de funcionamento defeituoso sem desligar o dispositivo.
- O LED "Run" indica que a bomba está funcionando e alerta em caso de pequenas fugas no sistema, para evitar danos no motor devido a um funcionamento prolongado a baixa velocidade.
- Paragem e arranque da bomba com uma simples pressão dum botão.
- Ligação rápida do painel ao cabo de 3m com terminal RJ11 / 6, integrado no sensor da bomba.
- O painel pode ser embutido num orifício circular com um diâmetro de 70 mm ou montado externamente.
- Um bloco de terminais permite replicar os botões e LEDs do painel num circuito externo: isto permite controlar individualmente as funções num dispositivo projetado por terceiros.

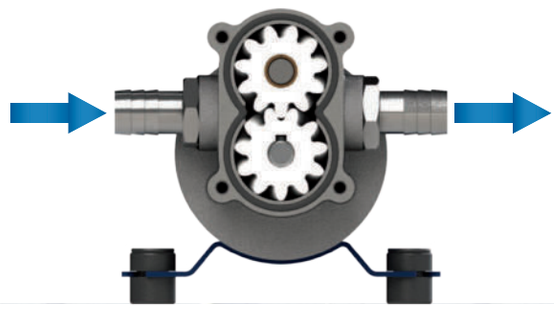


TIPO TYPE	CODICE PART NUMBER	VOLT	PROTEZIONE PROTECTION	DIMENSIONI DIMENSIONS mm	FORO HOLE mm	CONNESSIONE CONNECTION
PCS	165 203 15	12/24	IP65	80 x 80 x 46	Ø 70	RJ11

PTFE Gear Pumps







IT Elettropompe autoadescanti ad ingranaggi elicoidali in PTFE per travaso acqua e liquidi a bassa viscosità. Gli ingranaggi in PTFE garantiscono pressione constante, cicli di lavoro prolungati, maggiore silenziosità e ottima resistenza ad agenti chimici. Corpo in ottone nichelato, albero in acciaio inossidabile e tenuta in FKM se non diversamente specificato. Disponibili in versioni con filtro in linea, valvola di non ritorno, pressostato meccanico, sensore di pressione elettronico e kit per applicazioni varie.

DE Selbstansaugende Elektropumpen mit PTFE-Schrägzahnrädern. Die PTFE-Zahnräder garantieren für einen konstanten Druck, für verlängerte Arbeitszyklen, Chemikalienresistenz und für verminderten Geräuschpegel. Gehäuse aus vernickeltem Messing, Spindel aus rostfreiem Stahl, Dichtung aus FKM, falls nicht anders angegeben. Modelle lieferbar mit In-Line-Filter, Rückschlagventil, mechanischem Druckwächter, elektronischem Drucksensor sowie Montageset für verschiedene Anwendungen.

FR Pompes électriques auto amorçantes avec des engrenages hélicoïdaux de PTFE pour le transfert de l'eau et des liquides à faible viscosité. Les engrenages en PTFE garantissent une pression constante, long cycles de travail, moins de bruit et une excellente résistance aux produits chimiques. Corps en laiton nickelé, arbre en acier inoxydable et joint en FKM, sauf indication contraire. Disponibles dans les versions avec filtre en ligne, clapet anti-retour, interrupteur de pression mécanique, capteur de pression électronique et des kits pour applications différentes.

EN Self priming electric pumps with helical PTFE gears for the transfer of water and liquids with low viscosity. The PTFE gears guarantee constant pressure, heavy-duty cycles, lower noise levels and excellent resistance to chemicals. Nickel-plated brass body, stainless steel shaft and FKM seal unless otherwise specified. Available in versions with in-line filter, integrated check valve, mechanical pressure switch, electronic pressure sensor and kits for various applications.

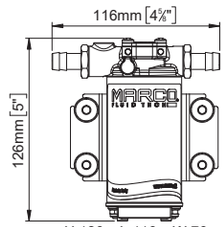
ES Bombas eléctricas auto-cebadas con engranajes helicoidales en PTFE para la transferencia de agua y líquidos de baja viscosidad. Los engranajes de PTFE garantizan una presión constante, largos ciclos de trabajo, niveles de ruido reducidos y una excelente resistencia a los productos químicos. Cuerpo en latón niquelado, eje de acero inoxidable y junta de FKM si no diferentemente especificado. Disponible en versiones con filtro en línea, válvula de retención, interruptor de presión mecánico, sensor de presión electrónico y kits para diversas aplicaciones.

PT Bombas com engrenagens helicoidais em PTFE para a trasfega de água e líquidos de baixa viscosidade. As engrenagens de PTFE garantem uma pressão constante, longos ciclos de trabalho, baixos níveis de ruído e excelente resistência aos produtos químicos. Corpo em latão niquelado, eixo em aço inox e junta em FKM salvo indicação diferente. Disponíveis em versões com filtro em linha, válvula anti-retorno, interruptor de pressão mecânico, sensor de pressão eletrónico e kits para várias aplicações.

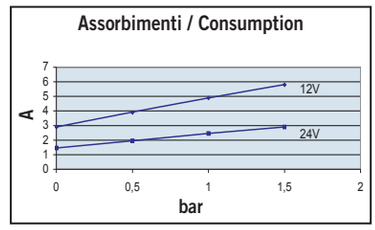
12V and 24V - DC

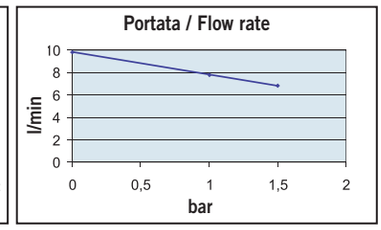
UP2-P

12V
24V



H 126 x L 116 x W 76
H 5" x L 4 5/8" x W 3"





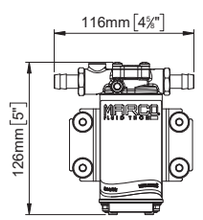
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	1,5 bar 22 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 202 12	12	1,5	3A	90W	5A	12 mm	3/8" BSPP	1,2 kg
164 202 13	24	1,5	1,5A	90W	3A	12 mm	3/8" BSPP	1,2 kg

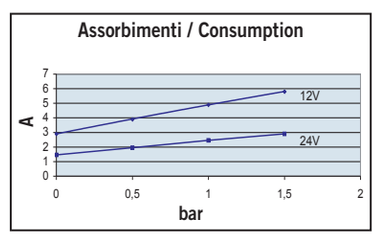
UP2-PV

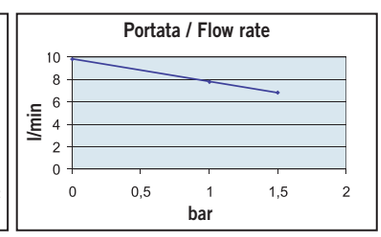
INTEGRATED CHECK VALVE

12V
24V



H 126 x L 116 x W 81
H 5" x L 4 5/8" x W 3 1/4"



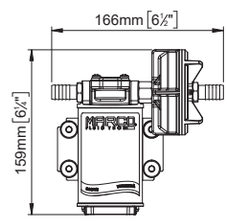


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	1,5 bar 22 psi

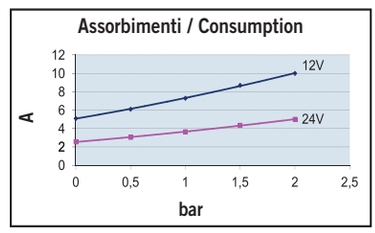
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 204 12	12	1,5	3A	90W	5A	12 mm	3/8" BSPP	1,2 kg
164 204 13	24	1,5	1,5A	90W	3A	12 mm	3/8" BSPP	1,2 kg

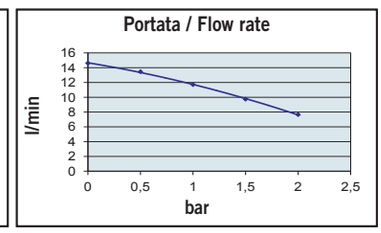
UP3-P

12V
24V



H 159 x L 166 x W 101 mm
H 6 1/4" x L 6 1/2" x W 4"





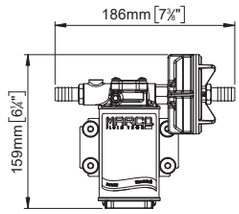
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 002 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,6 kg
164 002 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,6 kg

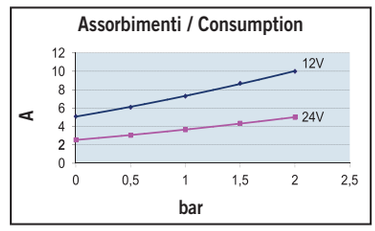
UP3-PV

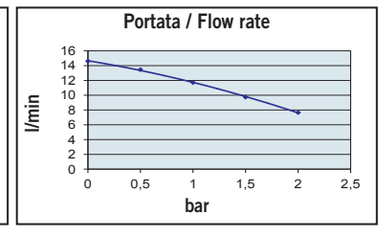
INTEGRATED CHECK VALVE

12V
24V



H 159 x L 186 x W 101
H 6 1/4" x L 7 3/8" x W 4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

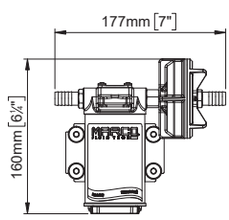
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 004 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,6 kg
164 004 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,6 kg

UPX

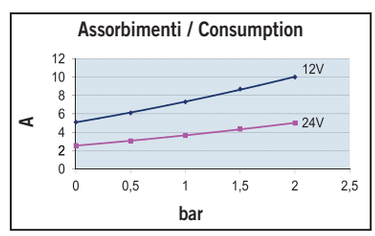
SILICONE O-RINGS

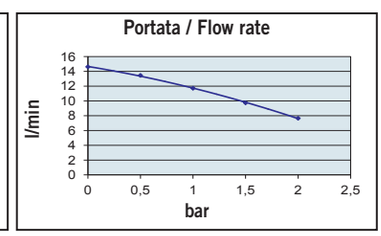
STAINLESS STEEL AISI 316 L

12V
24V



H 160 x L 177 x W 101
H 6 1/4" x L 7" x W 4"





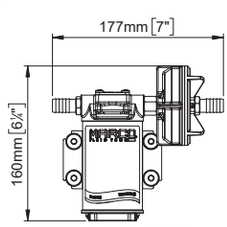
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 040 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,4 kg
164 040 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,4 kg

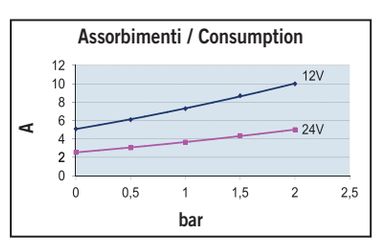
UPX-C

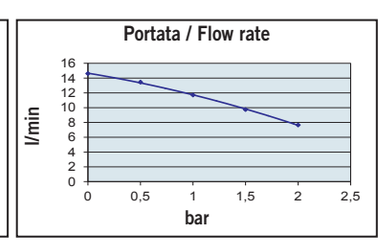
STAINLESS STEEL AISI 316 L

12V
24V



H 160 x L 177 x W 101
H 6 1/4" x L 7" x W 4"



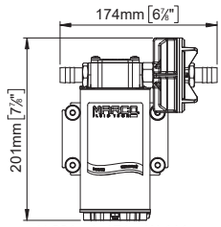


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
15 l/min 4 gpm	2 bar 29 psi

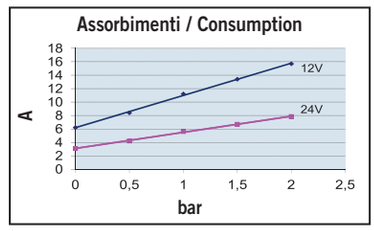
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 041 12	12	1,5	6A	120W	10A	13 mm	3/8" BSPP	1,4 kg
164 041 13	24	1,5	3A	120W	5A	13 mm	3/8" BSPP	1,4 kg

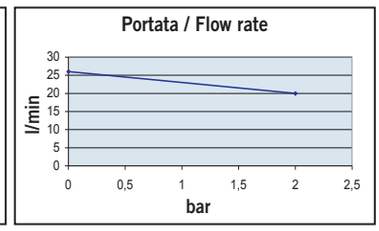
UP6-P

12V
24V



H 201 x L 174 x W 111
H 7 7/8" x L 6 7/8" x W 4 3/8"





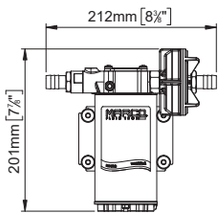
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 065 12	12	1,5	10A	180W	15A	16 mm	1/2" BSPP	3,1 kg
164 065 13	24	1,5	5A	180W	7,5A	16 mm	1/2" BSPP	3,1 kg

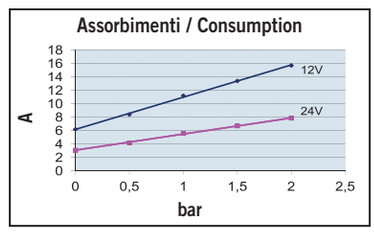
UP6-PV

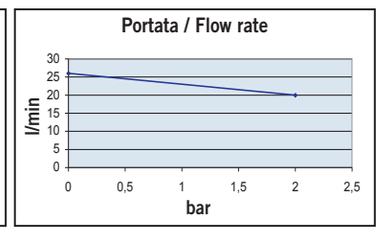
INTEGRATED CHECK VALVE

12V
24V



H 201 x L 212 x W 111
H 7 7/8" x L 8 3/8" x W 4 3/8"



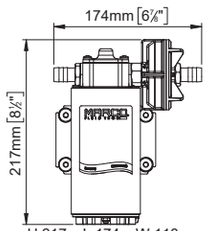


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
26 l/min 6.9 gpm	2 bar 29 psi

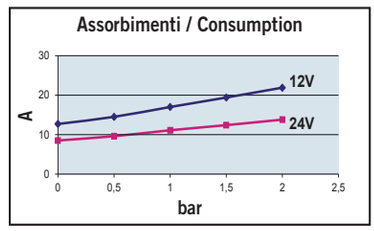
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 063 12	12	1,5	10A	180W	15A	16 mm	1/2" BSPP	3,4 kg
164 063 13	24	1,5	5A	180W	7,5A	16 mm	1/2" BSPP	3,4 kg

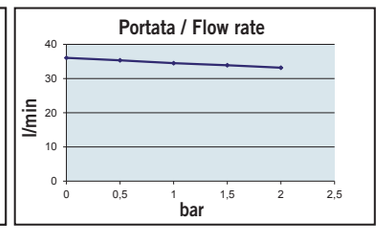
UP12-P

12V
24V



H 217 x L 174 x W 113
H 8 1/2" x L 6 7/8" x W 4 1/2"





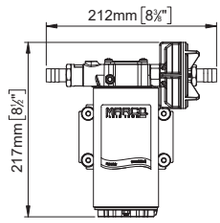
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
36 l/min 9.5 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 302 12	12	3	14A	360W	20A	16 mm	1/2" BSPP	4,3 kg
164 302 13	24	3	8A	360W	15A	16 mm	1/2" BSPP	4,3 kg

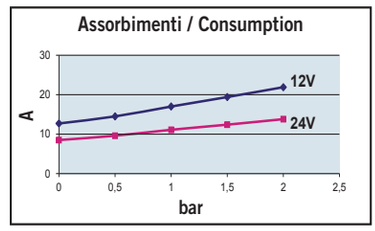
UP12-PV

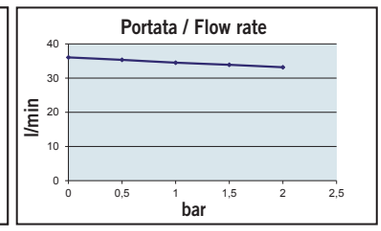
INTEGRATED CHECK VALVE

12V
24V



H 217 x L 212 x W 113
H 8 1/2" x L 8 3/8" x W 4 1/2"



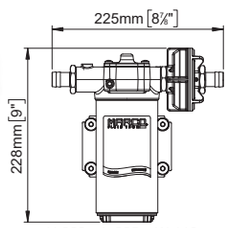


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
36 l/min 9.5 gpm	2 bar 29 psi

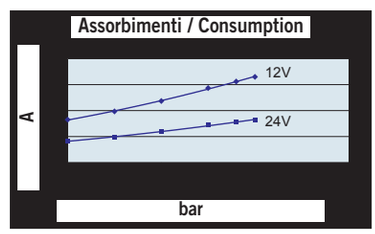
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 304 12	12	3	14A	360W	20A	16 mm	1/2" BSPP	4,3 kg
164 304 13	24	3	8A	360W	15A	16 mm	1/2" BSPP	4,3 kg

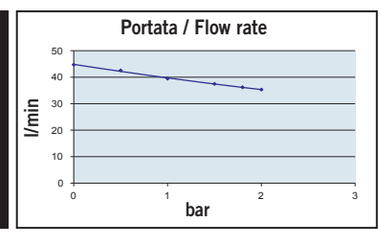
UP14-P

12V
24V



H 228 x L 225 x W 119
H 9" x L 8 7/8" x W 4 5/8"





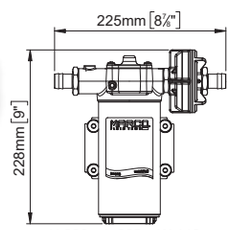
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
46 l/min 12.2 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 502 12	12	3	16A	400W	30A	20 mm	3/4" BSPP	5 kg
164 502 13	24	3	8A	400W	20A	20 mm	3/4" BSPP	5 kg

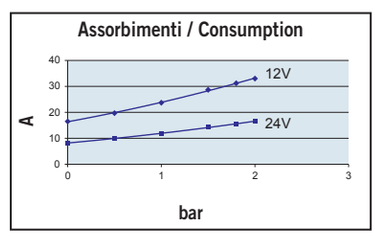
UP14-PV

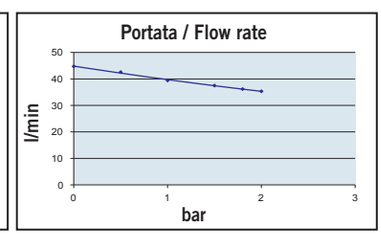
INTEGRATED CHECK VALVE

12V
24V



H 228 x L 225 x W 119
H 9" x L 8 7/8" x W 4 5/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
46 l/min 12.2 gpm	2 bar 29 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 504 12	12	3	16A	400W	30A	20 mm	3/4" BSPP	5 kg
164 504 13	24	3	8A	400W	20A	20 mm	3/4" BSPP	5 kg

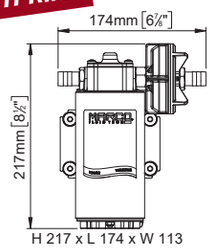
UP8-P

NEW

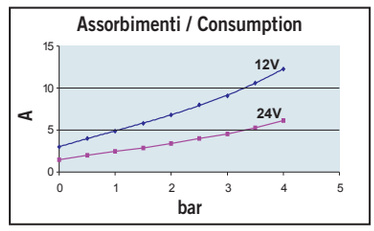
HEAVY DUTY

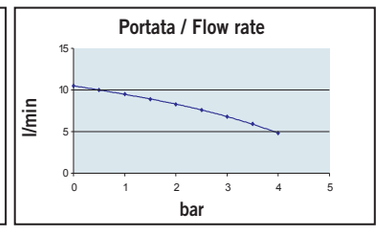
COMPACT FOOTPRINT

12V
24V



H 217 x L 174 x W 113
H 8 1/2" x L 6 7/8" x W 4 1/2"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	4 bar 58 psi HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 091 12	12	1,5	4A	150W	10A	13 mm	3/8" BSPP	1,8 kg
164 091 13	24	1,5	2A	150W	5A	13 mm	3/8" BSPP	1,8 kg

UP8-XC

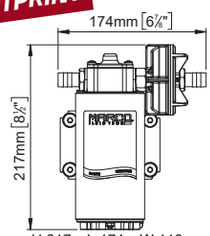
NEW

HEAVY DUTY

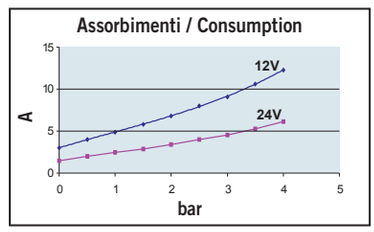
COMPACT FOOTPRINT

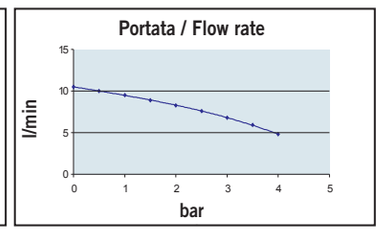
12V
24V

STAINLESS STEEL AISI 316 L



H 217 x L 174 x W 113
H 8 1/2" x L 6 7/8" x W 4 1/2"



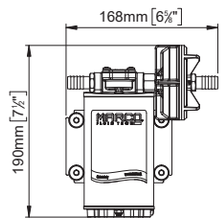


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	4 bar 58 psi HIGH PRESSURE

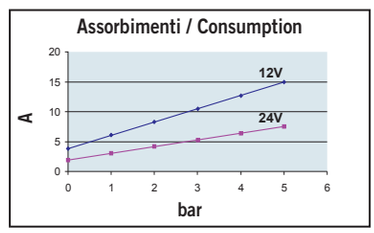
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 094 12	12	1,5	4A	150W	10A	13 mm	3/8" BSPP	1,8 kg
164 094 13	24	1,5	2A	150W	5A	13 mm	3/8" BSPP	1,8 kg

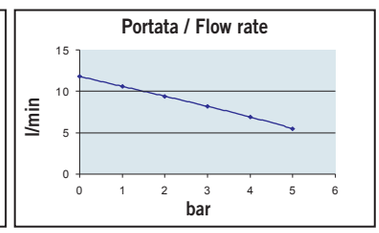
UP9-P

12V
24V



H 190 x L 168 x W 106
H 7 1/2" x L 6 5/8" x W 4 1/8"





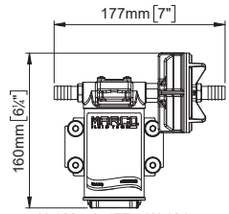
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 102 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	2,7 kg
164 102 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	2,7 kg

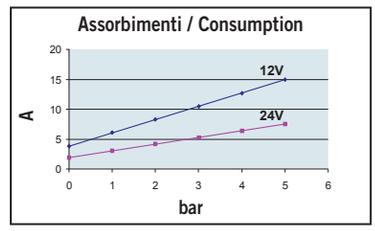
UP9-XC

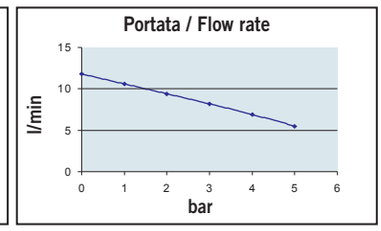
STAINLESS STEEL AISI 316 L

12V
24V



H 160 x L 177 x W 101
H 6 1/4" x L 7" x W 4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi

HIGH PRESSURE

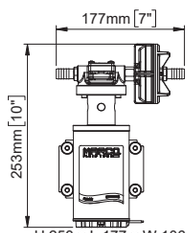
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 101 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	2,7 kg
164 101 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	2,7 kg

UP9-XA

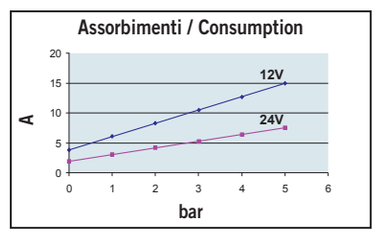
STAINLESS STEEL AISI 316 L

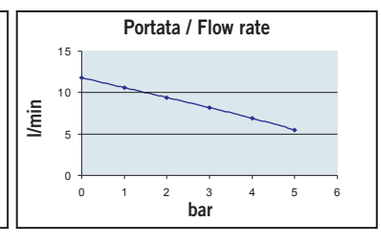
12V
24V

HEAVY DUTY



H 253 x L 177 x W 106
H 10" x L 7" x W 4 1/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi

HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 103 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	3 kg
164 103 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	3 kg

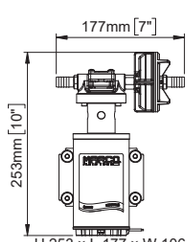
UP9-XA/DM

EPDM LIP SEAL

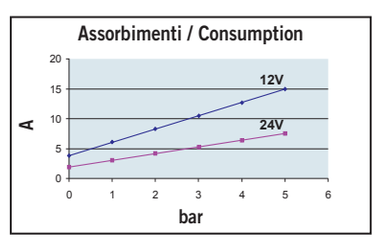
STAINLESS STEEL AISI 316 L

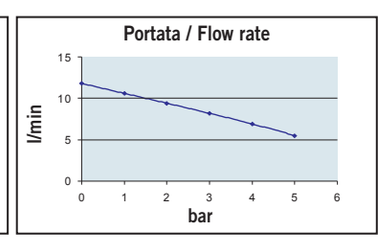
12V
24V

HEAVY DUTY



H 253 x L 177 x W 106
H 10" x L 7" x W 4 1/8"



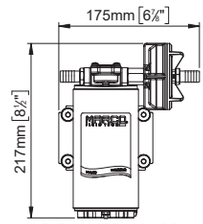


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
12 l/min 3.2 gpm	5 bar 72.5 psi

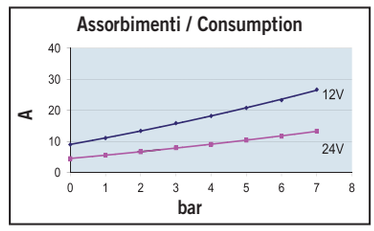
HIGH PRESSURE

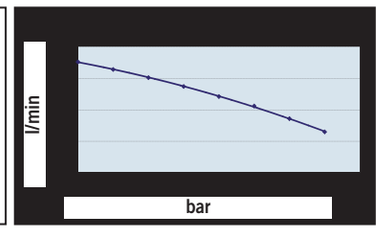
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 106 12	12	1,5	5A	180W	15A	13 mm	3/8" BSPP	3 kg
164 106 13	24	1,5	3A	180W	7,5A	13 mm	3/8" BSPP	3 kg

UP10-P



H 217 x L 175 x W 109
H 8 1/2" x L 6 7/8" x W 4 1/4"



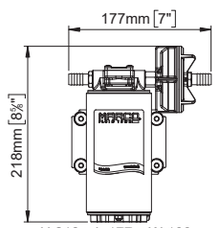


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi HIGH PRESSURE

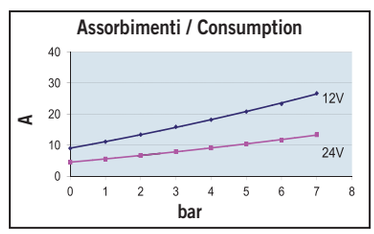
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 402 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	3,8 kg
164 402 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	3,8 kg

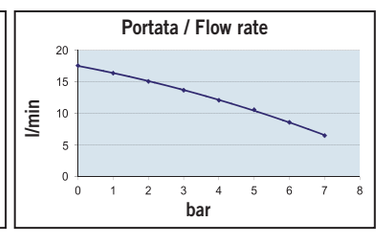
UP10-XC

STAINLESS STEEL AISI 316 L



H 218 x L 177 x W 109
H 8 5/8" x L 7" x W 4 1/4"



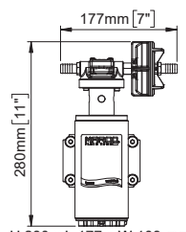


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi HIGH PRESSURE

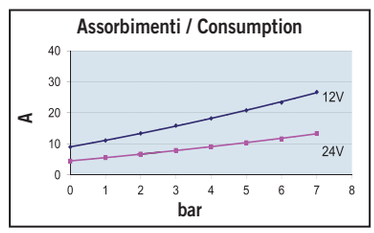
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 401 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	3,8 kg
164 401 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	3,8 kg

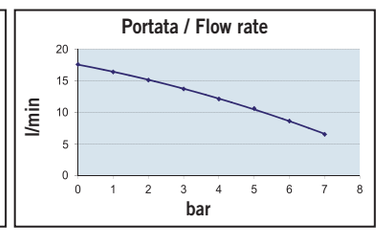
UP10-XA

STAINLESS STEEL AISI 316 L



H 280 x L 177 x W 109 mm
H 11" x L 7" x W 4 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 403 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	4,1 kg
164 403 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	4,1 kg

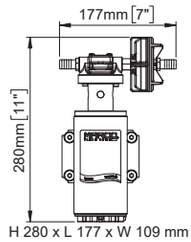
UP10-XA/DM

EPDM LIP SEAL

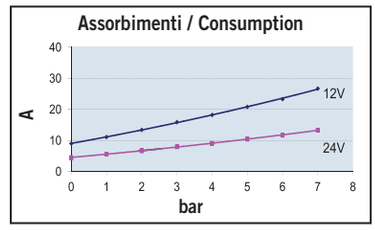
STAINLESS STEEL AISI 316 L

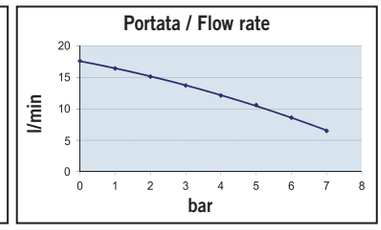
HEAVY DUTY

12V 24V



H 280 x L 177 x W 109 mm
H 11" x L 7" x W 4 1/4"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
18 l/min 4.8 gpm	7 bar 101.5 psi

HIGH PRESSURE

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 406 12	12	3	11A	360W	25A	13 mm	3/8" BSPP	4,1 kg
164 406 13	24	3	5A	360W	20A	13 mm	3/8" BSPP	4,1 kg

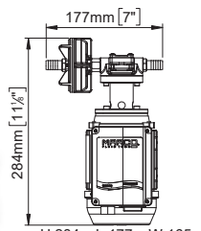
220V - AC

UPX/AC

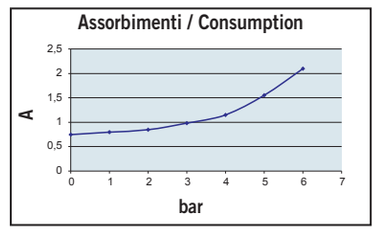
SILICONE O-RINGS

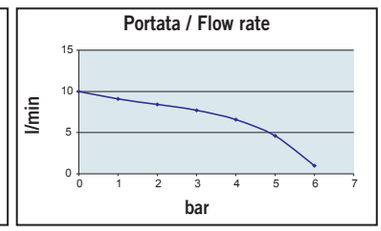
STAINLESS STEEL AISI 316 L

220V



H 284 x L 177 x W 165
H 11 1/8" x L 7" x W 6 1/2"





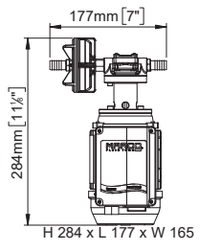
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	6 bar 87 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 042 1C	220	1,5	0,8A	150W	2A	13 mm	3/8" BSPP	4,6 kg

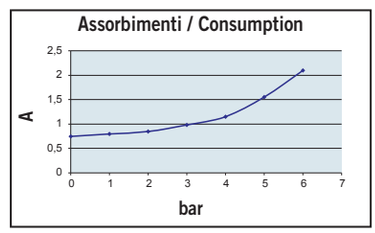
UPX-C/AC

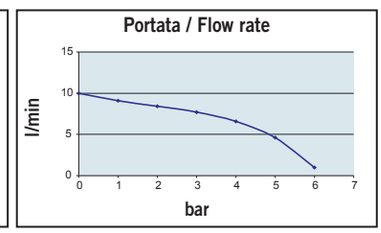
STAINLESS STEEL AISI 316 L

220V



H 284 x L 177 x W 165
H 11 1/8" x L 7" x W 6 1/2"



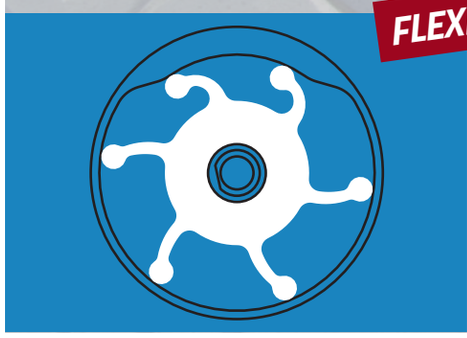


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
10 l/min 2.6 gpm	6 bar 87 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
164 043 1C	220	1,5	0,8A	150W	2A	13 mm	3/8" BSPP	4,6 kg

Impeller Pumps

FLEXIBLE IMPELLER



REVERSIBLE

ISO 8849
ISO 8846

IMPELLER PUMPS

IT Elettropompe autoadescanti con girante flessibile in gomma. La girante in gomma garantisce alta portata e permette il passaggio di piccole impurità contenute nelle acque grigie. Disponibili con portate da 28 l/min a 45 l/min e in versioni con interruttore o deviatore integrati. Dotate di portaspazzole interno con filtro antidisturbo EMI, calotta impermeabile e passacavo stagno. Corpo in ottone nichelato, albero in acciaio inossidabile. Tenute in FKM e O-ring in NBR. ISO 8849 e ISO 8846.

DE Selbstansaugende Elektropumpen mit flexiblem Schaufelrad aus Nitrilgummi. Das Schaufelrad aus Gummi garantiert für eine hohe Leistung und erlaubt das Vorbeifließen von kleinen Unreinheiten, die in Grauwasser vorhanden sind. Jetzt verfügbar mit Förderleistung 28l/min und 45l/min. Erhältlich entweder mit integriertem Ein- und Aus Schalter oder 3-Positionen-Schalter. Wird mit internem Bürstenhalter mit EMI-Filter, wasserdichtem Deckel und Kabeldurchgang geliefert. Gehäuse aus vernickeltem Messing, Spindel aus rostfreiem Stahl. Dichtungen aus FKM und O-Ring aus NBR. ISO 8849 und ISO 8846.

FR Pompes électriques auto-amorçantes avec rotor flexible vulcanisé. Le rotor assure un débit élevé et permet le passage de petites impuretés dans les eaux usées. Disponibles avec capacités de 28 l / min jusqu'à 45 l / min et en versions avec interrupteur ou déviateur intégrés. Corps en laiton nickelé, arbre en acier inoxydable, joint en FKM et O-Ring en NBR. Le port balais se trouve a l'intérieur, protégé par une calotte avec galoche, joint et filtre EMI. ISO 8846 ET ISO 8849.

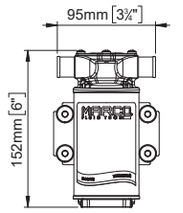
EN Self-priming electric pumps with rubber impeller. The rubber impeller guarantees a high flow rate and allows the passage of small impurities in wastewaters. Available with capacities from 28l/min up to 45 l/min and in versions with integrated on-off switch or flow reverser switch. Nickel-plated brass body and stainless steel shaft, FKM seals and NBR O-rings. Fitted with waterproof cable guide and internal brush holder with EMI filter. ISO 8846 and ISO 8849.

ES Electrobombas auto-cebadas con impulsor vulcanizado. El impulsor asegura un caudal elevado y permite el paso de pequeñas impurezas en el agua residual. Disponibles con capacidades desde 28 l/min hasta a 45 l/min y en versiones con interruptor o desviador de flujo integrados. Cuerpo en latón niquelado, eje en acero inoxidable. Sellos en FKM y O-ring and NBR. Equipadas con pasa-cable impermeable y porta-escobillas interno con filtro EMI. ISO 8846 e ISO 8849.

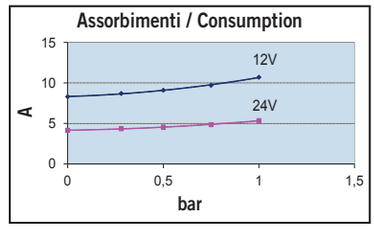
PT Eletrobombas autoaspirantes com impulsor de borracha. O impulsor garante um fluxo elevado e a passagem de pequenas impurezas contidas na água de residuos. Agora disponíveis em 3 dimensões com capacidades de 28 l/min até 45 l/min e em versões com interruptor on-off ou desviador de fluxo integrados. Corpo em latão niquelado, eixo em aço inox. Selos em FKM y O-ring em NBR. Porta-escovas interno com filtro EMI, tampa impermeável e passa fios hermético. ISO 8849 e ISO 8846.

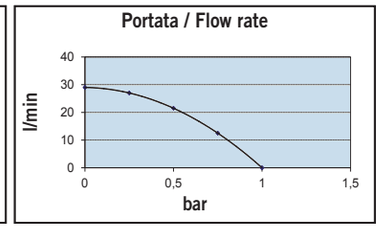
12V and 24V - DC

UP1-J



H 152 x L 95 x W 82
H 6" x L 3 3/4" x W 3 1/4"



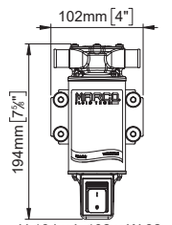


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
28 l/min 7.4 gpm	1 bar 14.5 psi

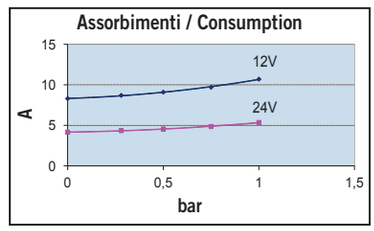
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 004 12	12	1,5	8A	150W	10A	20 mm	3/8" BSPP	1,8 kg
162 004 13	24	1,5	4A	150W	7,5A	20 mm	3/8" BSPP	1,8 kg

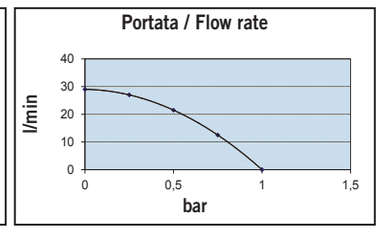
UP1-JS

On/Off switch



H 194 x L 102 x W 82
H 7 5/8" x L 4" x W 3 1/4"



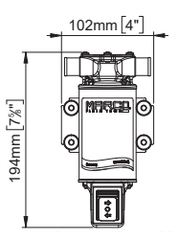


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
28 l/min 7.4 gpm	1 bar 14.5 psi

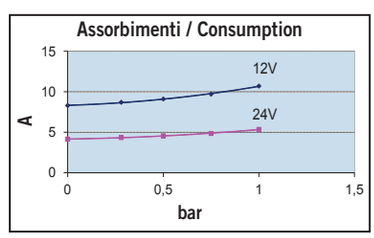
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 010 12	12	1,5	8A	150W	10A	20 mm	3/8" BSPP	1,8 kg
162 010 13	24	1,5	4A	150W	7,5A	20 mm	3/8" BSPP	1,8 kg

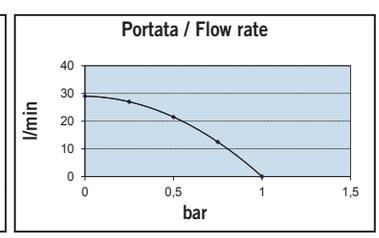
UP1-JR

On/Off 3 positions reversing switch



H 194 x L 102 x W 82
H 7 5/8" x L 4" x W 3 1/4"



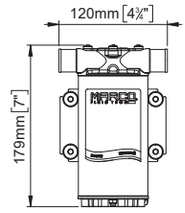


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
28 l/min 7.4 gpm	1 bar 14.5 psi

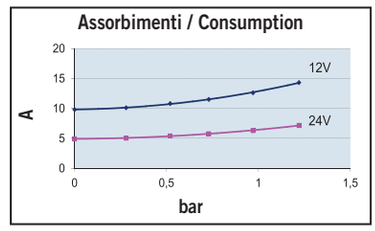
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 011 12	12	1,5	8A	150W	10A	20 mm	3/8" BSPP	1,8 kg
162 011 13	24	1,5	4A	150W	7,5A	20 mm	3/8" BSPP	1,8 kg

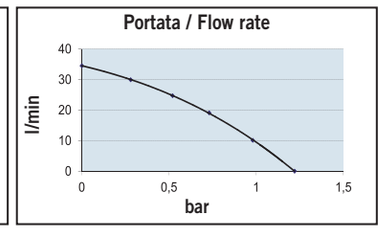
UP1

12V
24V



H 179 x L 120 x W 94
H 7" x L 4 3/4" x W 3 3/4"



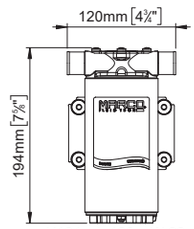


PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
35 l/min 9.2 gpm	1,2 bar 17.4 psi

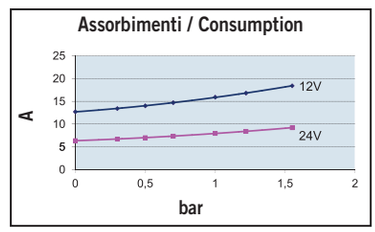
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 002 12	12	1,5	10A	180W	20A	25 mm	1/2" BSPP	2,9 kg
162 002 13	24	1,5	5A	180W	15A	25 mm	1/2" BSPP	2,9 kg

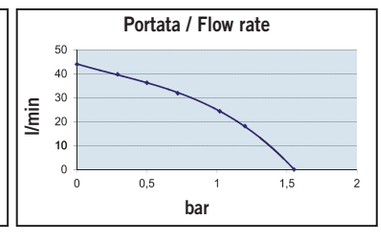
UP1-M

12V
24V



H194 x L 120 x W 98
H 7 5/8" x L 4 3/4" x W 3 7/8"





PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,5 bar 21.8 psi

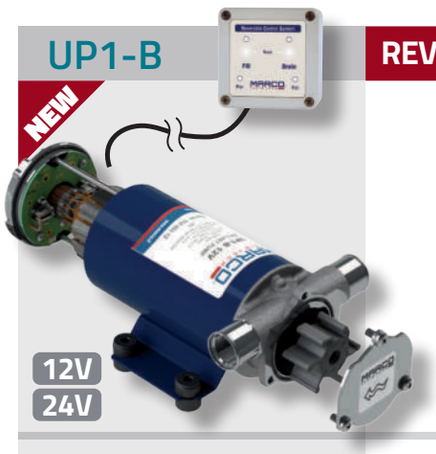
CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 006 12	12	1,5	14A	360W	20A	25 mm	1/2" BSPP	4,1 kg
162 006 13	24	1,5	7A	360W	15A	25 mm	1/2" BSPP	4,1 kg

UP1-B

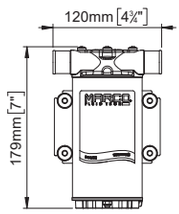
NEW

REVERSIBLE

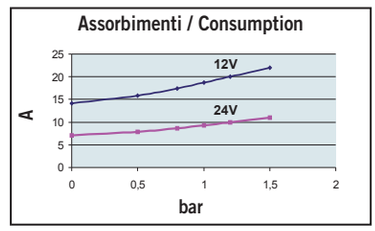
IDEAL FOR BALLAST APPLICATIONS

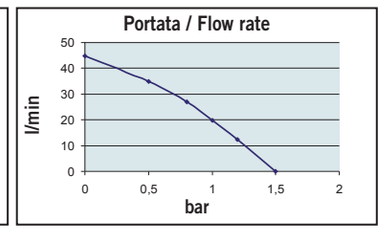


12V
24V



H 179 x L 120 x W 94
H 7" x L 4 3/4" x W 3 3/4"





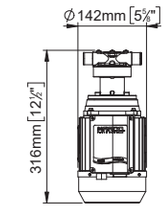
PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
45 l/min 11.9 gpm	1,5 bar 21.8 psi

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 003 12	12	1,5	14A	180W	20A	25 mm	1/2" BSPP	2,9 kg
162 003 13	24	1,5	7A	180W	15A	25 mm	1/2" BSPP	2,9 kg

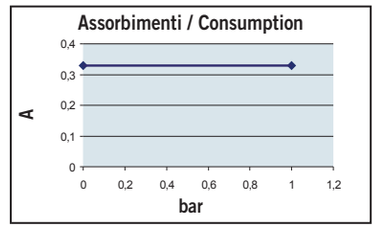
220V - AC
110V - AC

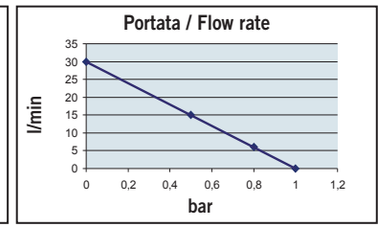
UP1/AC

220V
110V



H 316 x L 142 x W 195
H 12 1/2" x L 5 5/8" x W 7 5/8"





	PORTATA FLOW RATE max.	PRESSIONE PRESSURE max.
220V	30 l/min *7.9 gpm*	1 bar *14.5 psi*
110V	36 l/min *9.5 gpm*	1 bar *14.5 psi*

110V VERSION: M.O.Q. 20 PCS

CODICE PART NUMBER	VOLTS	ADESCAM. SELF-PRIM. m	CONS.	MOTORE MOTOR	FUSIBILE FUSE	TUBO TUBE	BOCCHE PORTS	PESO WEIGHT
162 001 1C	220	1,5	3,3A	550W	4A	25 mm	1/2" BSPP	7,3 kg
162 001 1B	110	1,5	7A	550W	8A	25 mm	1/2" BSPP	7,3 kg

IMPELLER PUMPS

IMP1

Part No. 163 000 00

IT Girante in speciale gomma nitrilica. Ricambio originale per UP1, UP1/N, UP1/M e UP1/AC. **Dimensioni 22 x Ø 51,5 mm - foro Ø 8 mm**.

DE Impeller aus speziellen Nitril Gummi. Original Ersatzteil für UP1, UP1/N, UP1/M und UP1/AC. **Abmessungen: 22 x Ø 51,5 mm - Achse 8 mm**.

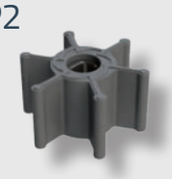
FR Rotor flexible de caoutchouc nitrile spécial. Rechange original pour UP1, UP1/N, UP1/M et UP1/AC. **Dimensions 22 x Ø 51.5mm - trou Ø 8mm.**

EN Impeller of special Nitrile rubber. Original spare part for UP1, UP1/N, UP1/M and UP1/AC. **Dimensions: 22 x Ø 51.5 mm - bore Ø 8 mm.**

ES Impulsor flexible en goma de nitrilo especial. Recambio para UP1, UP1/N, UP1/M y UP1/AC. **Medidas: 22 x Ø 51,5 mm - diámetro del eje 8 mm.**

PT Rotor flexível em borracha nitrílica especial. Recambio para UP1, UP1/N, UP1/M e UP1/AC. **Medidas: 22 x Ø 51,5 mm - diâmetro do eixo 8 mm.**

IMP2



Part No. 163 001 00

IT Girante in speciale gomma nitrilica. Ricambio originale per UP1/J. **Dimensioni 22 x Ø 40,5 mm - foro Ø 8 mm.**

DE Impeller aus speziellen Nitril Gummi. Original Ersatzteil für UP1/J. **Abmessungen: 22 x Ø 40,5 mm - Achse 8 mm.**

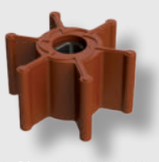
FR Rotor flexible de caoutchouc nitrile spécial. Rechange original pour UP1/J. **Dimensions 22 x Ø 40.5 mm - trou Ø 8mm.**

EN Impeller of special Nitrile rubber. Original spare part for UP1/J. **Dimensions: 22 x Ø 40.5 mm - bore Ø 8 mm.**

ES Impulsor flexible en goma de nitrilo especial. Recambio para UP1/J. **Medidas: 22 x Ø 40,5 mm - diámetro del eje 8 mm.**

PT Rotor flexível em borracha nitrílica especial. Recambio para UP1/J. **Medidas: 22 x Ø 40,5 mm - diâmetro do eixo 8 mm.**

IMP2/V



Part No. 163 002 00

IT Girante in FKM per UP1/J. **Dimensioni 22 x Ø 40,5 mm - foro Ø 8 mm.**

DE Impeller aus FKM. Original Ersatzteil für UP1/J. **Abmessungen: 22 x Ø 40,5 mm - Achse 8 mm.**

FR Rotor de FKM. Rechange original pour UP1/J. **Dimensions 22 x Ø 40,5 mm - trou Ø 8mm.**

EN Impeller in FKM. Original spare part for UP1/J. **Dimensions: 22 x Ø 40,5 mm - bore Ø 8 mm.**

ES Impulsor en FKM. Recambio para UP1/J. **Medidas: 22 x Ø 40,5 mm - diámetro del eje 8 mm.**

PT Rotor em FKM. Recambio para UP1/J. **Medidas: 22 x Ø 40,5 mm - diâmetro do eixo 8 mm.**

NOTAS